

1958  
CENSUS OF MANUFACTURES

VOLUME 1  
PART 1  
PRELIMINARY REPORTS

SUMMARY STATISTICS  
AND  
MAJOR GROUPS 20-28

LIBRARY  
BUREAU OF THE CENSUS

236806



















## Reference Copy

C-58-M-65 Supplement 1  
Attachment 2  
Page 1

1958 CENSUS OF MANUFACTURES  
INDEX OF PRELIMINARY REPORTS, BY REPORT NUMBER

Report  
number

## SUMMARY

- MC(P)-1 General Statistics for the United States, by Industry Group and Industry:  
1958 and 1954.
- MC(P)-2 General Statistics for the United States, by Geographic Divisions and States:  
1958 and 1954.
- MC(P)-3 General Statistics for Counties.
- MC(P)-4 General Statistics for Selected Standard Metropolitan Statistical Areas by Major  
Industry Groups.
- MC(P)-5 General Statistics for States by Major Industry Groups.
- MC(P)-6 General Statistics for Industry Groups and Selected Industries: 1958 and 1954.

Report number	Ind. code	Industry
MC(P)-		
20A-1	2015	Poultry dressing plants
2	(2011	Meat packing plants
	(2013	Prepared meats
20B-1	2023	Concentrated milk
2	2021	Creamery butter
3	2024	Ice cream and ices
4	2025	Special dairy products
5	2027	Fluid milk and other products
20C-1	2032	Cured fish
2	2035	Pickles and sauces
3	2033	Canned fruits and vegetables
4	2031	Canned seafood
5	2036	Packaged seafood
6	2037	Frozen fruits and vegetables
20D-1	2044	Rice milling
2	2043	Cereal breakfast foods
3	(2041	Flour and meal
	(2045	Flour mixes
4	2042	Prepared animal feeds
20E-1	2052	Biscuit and crackers
2	2051	Bread and related products
20F-1	2061	Raw cane sugar
2	2062	Cane-sugar refining
3	2063	Beet sugar
4	2073	Chewing gum
5	2072	Chocolate and cocoa products
6	2071	Confectionery products

Report number	Ind. code	Industry
MC(P)-		
20G-1	2082	Beer and ale
2	2083	Malt
3	2081	Bottled soft drinks
4	2084	Wines and brandy
5	2085	Distilled liquor, exc. brandy
20H-1	2092	Shortening and cooking oils
2	2098	Macaroni and spaghetti
3	2093	Margarine
4	2094	Corn wet milling
5	2095	Flavorings
6	2099	Food preparations, n.e.c.
7	2097	Manufactured ice
21A-1	2111	Cigarettes
2	2121	Cigars
3	2131	Chewing and smoking tobacco
4	2141	Tobacco stemming and redrying
22A-1	2211	Scouring and combing plants
2	2212	Yarn mills, wool, exc. carpet
3	(2213	Woolen and worsted fabrics
	(2216	Finished wool textiles
22B-1	2241	Narrow fabric mills
2	2223	Thread mills
3	2224	Yarn mills, cotton system
4	2222	Yarn throwing mills
5	2233	Cotton broad-woven fabrics

Bureau of the Census  
Library



Report number MC(P)-	Ind. code	Industry	Report number MC(P)-	Ind. code	Industry
22C-1	2251	Full-fashioned hosiery mills	23E-1	2385	Watersproof outer garments
2	2252	Seamless hosiery mills	2	2387	Belts
3	2256	Knit shirt mills	3	2388	Leather and sheep-lined clothing
4	2254	Knit underwear mills	4	2384	Robes and dressing gowns
5	2253	Knit outerwear mills			
22D-1	2274	Hard-surface floor coverings	23F-1	2391	Curtains and draperies
2	2271	Wool carpets and rugs (Change Sheet)	2	2395	Tucking, pleating, and stitching
3	2273	Carpets and rugs, exc. wool	3	2397	Schiffli and fine embroideries
22E-1	2283	Straw hats	4	2396	Textile bags
2	2281	Fur-felt hats and hat bodies	5	2394	Carvings products
3	2282	Wool-felt hats and hat bodies	6	2398	Trinkets and art goods
4	2284	Hatter's fur	7	2399	Embroideries, except Schiffli
22F-1	2295	Coated fabric, exc. rubberized	8	2399	Fabricated textile products, n.e.c.
2	2291	Felt goods, n.e.c.	9	2392	Household furnishings, n.e.c.
3	2292	Lace goods			
4	2298	Cordage and twine	24A-1	2411	Logging camps and contractors
5	2293	Padding and upholstery fillings	2	2413	Shingle mills
6	2294	Processed textile waste	3	2415	Freshwater mills
23A-1	2311	Men's and boys' suits and coats	4	2414	Grain and stock mills
23B-1	2328	Work shirts	5	2412	Vegetable mills
2	2325	Men's and boys' cloth hats	6	2411	Sawmills and planing mills
3	2323	Men's and boys' neckwear	7	2411	Sawmills and planing mills
4	2327	Separate trousers	8	2411	Sawmills and planing mills
5	2322	Men's and boys' underwear	9	2411	Sawmills and planing mills
6	2321	Men's dress shirts and nightwear			
7	2329	Men's and boys' clothing, n.e.c.	24B-1	2431	Milkwork plants
23C-1	2331	Blouses	2	2433	Unfabricated wood products
2	2334	Dresses, lower price	3	2432	Plywood plants
3	2333	Dresses, unit price			
4	2339	Women's outerwear, n.e.c.	24C-1	2445	Cookware
5	2337	Women's suits, coats, and skirts	2	2441	Fruit and vegetable baskets
			3	2447	Wooden boxes
23D-1	2342	Corsets and allied garments	4	2442	Wood preserving
2	2351	Millinery	5	2442	Wood preserving
3	2361	Children's dresses	6	2442	Wood preserving
4	2363	Children's coats	7	2442	Wood preserving
5	2341	Women's and children's underwear	8	2442	Wood preserving
			9	2442	Wood preserving
			24D-1	2451	Wood office furniture
			2	2452	Metal office furniture
			3	2453	Professional furniture
			4	2451	Public-building furniture
			5	2451	Partitions and fixtures

SUMMARY  
REPORTS

GROUP 21

GROUP 22





Report number MC(P)-	Ind. code	Industry
25C-1	2562	Window shades
2	2561	Window and door screens
3	2567	Venetian blinds
26A-1	2613	Building paper and board mills
2	2612	Paper and paperboard mills
26B-1	2661	Paper bags
2	2693	Wallpaper
3	2651	Envelopes
4	2671	Paperboard boxes
5	2674	Fiber cans, tubes, drums, etc.
6	2694	Pulp goods, pressed and molded
7	2691	Die-cut paper and board
8	2641	Paper coating and glazing
9	2699	Paper and board products, n.e.c.
27A-1	2732	Book printing
2	2741	Miscellaneous publishing
3	2731	Books: publishing and printing
4	2711	Newspapers
5	2721	Periodicals
27B-Supp.		Special Product Report on Manifold business forms
27B-Supp.		Special report on commercial printing
27B-1	2789	Miscellaneous bookbinding work
2	2782	Blankbooks and paper ruling
3	2761	Lithographing
4	2751	Commercial printing
5	2771	Greeting cards
6	2781	Bookbinding
7	2783	Loose-leaf binders and devices
27C-1	2791	Typesetting
2	2792	Engraving and plate printing
3	2794	Electrotyping and stereotyping
4	2793	Photoengraving

1957 CENSUS OF MANUFACTURES  
INDEX OF PRELIMINARY REPORTS, BY REPORT NUMBER

Report number MC(P)-	Ind. code	Industry
28A-1	2812	Alkalies and chlorine
2	2819	Inorganic chemicals, n.e.c.
28B-1	2821	Cyclic (coal tar) crudes
2	2824	Synthetic rubber
3	2822	Intermediates and organic colors
4	2826	Explosives
5	2829	Organic chemicals, n.e.c.
6	2825	Synthetic fiber
7	2823	Plastics materials
28C-1	2833	Medicinal chemicals (including botanicals)
2	2831	Biological products
3	2834	Pharmaceutical preparations
28D-1	2843	Sulfonated oils and assistants
2	2842	Cleaning and polishing preparations
3	2841	Soap and glycerin
28E-1	2853	Whiting and fillers
2	2852	Inorganic color pigments
3	2851	Paints and varnishes
28F-1	2862	Softwood distillation
2	2861	Hardwood distillation
3	2863	Gum naval stores
4	2871	Fertilizers
28G-1	2887	Fatty acids
2	2881	Cottonseed oil mills
3	2882	Linseed oil mills
4	2883	Soybean oil mills
5	2886	Grease and tallow
28H-1	2891	Printing ink
	2895	Carbon black
3	2894	Glue and gelatin
4	2896	Compressed and liquefied gases
5	2897	Insecticides and fungicides
6	2899	Chemical products, n.e.c.
7	2893	Toilet preparations
29A-1	2952	Roofing felts and coatings
2	2951	Paving mixtures and blocks
3	(2911)	Petroleum refining and lubricants, n.e.c.
	(2992)	

SUMMARY  
REPORTS

PAGE 31

GROUP 11





1953 CENSUS OF MANUFACTURES  
INDEX OF PRELIMINARY REPORTS, BY REPORT NUMBER

Report number MC(P)-	Ind. code	Industry
30A-1	3021	Rubber footwear
2	3011	Tires and inner tubes
3	3031	Recrimmed rubber
4	3099	Rubber industries, n.e.c.
31A-1	3121	Industrial leather belting
2	3131	Footwear cut stock
3	3141	Footwear, except rubber
4	3142	House slippers
5	3111	Leather tanning and finishing
31B-1	3172	Small leather goods
2	3161	Luggage
3	3171	Handbags and purses
4	3151	Leather dress gloves
5	3152	Leather work gloves
32A-1	3221	Glass containers
2	3229	Pressed and blown glass, n.e.c.
3	3211	Flat glass
4	3231	Products of purchased glass
32B-1	3253	Floor and wall tile
2	3254	Sewer pipe
3	3251	Brick and hollow tile
4	3255	Clay refractories
5	3241	Cement, hydraulic
32C-1	3264	Porcelain electrical supplies
2	3261	Vitreous plumbing fixtures
3	3262	Vitreous-china food utensils
4	3263	Earthenware food utensils
32D-1	3272	Gypsum products
2	3274	Lime
3	3271	Concrete products
4	3273	Ready-mixed concrete
5	3275	Mineral wool
6	3281	Cut-stone and stone products
32E-1	3291	Abrasive products
2	3293	Gaskets and asbestos insulations
3	3299	Nonmetallic mineral products, n.e.c.
4	3297	Nonclay refractories
5	3295	Minerals: ground or treated
6	3292	Asbestos products

Report number MC(P)-	Ind. code	Industry
33A-1	3313	Electrometallurgical products
2	3322	Malleable-iron foundries
3	3321	Gray-iron foundries
4	3323	Steel foundries
5	3312	Steel works and rolling mills
33B-1	3331	Primary copper
2	3332	Primary lead
3	3334	Primary aluminum
4	3333	Primary zinc
5	3341	Secondary nonferrous metals
33C-1	3361	Nonferrous foundries
2	3351	Copper rolling and drawing
3	3352	Aluminum rolling and drawing
33D-1	3393	Welded and heavy-riveted pipe
2	3391	Iron and steel forgings
3	3399	Primary metal industries, n.e.c.
4	3392	Wire drawing
34A-1	3421	Cutlery
2	3423	Hand tools, n.e.c.
3	3422	Edge tools
4	3429	Hardware, n.e.c.
5	3411	Tin cans and other tinware
6	3425	Hand-saws and saw blades
34B-1	3431	Plumbing fixtures and fittings
2	(3439)	Heating and cooking apparatus, n.e.c.
34C-1	3442	Metal doors, sash, and trim
2	3444	Sheet-metal work
3	3443	Boiler shop products
4	3441	Structural and ornamental products
34D-1	3461	Vitreous-enameled products
2	3463	Metal stampings
34E-1	3481	Nails and spikes
2	3471	Lighting fixtures
3	3489	Wirework, n.e.c.

SUMMARY  
REPORTS

R00P 22



1957 CENSUS OF MANUFACTURES  
TABLE OF PRELIMINARY REPORTS, BY REPORT NUMBER

Report number MC(P)-	Ind. code	Industry	Report number MC(P)-	Ind. code	Industry
34F-1	3492	Bolts, nuts, washers, and rivets	35F-1	3580	Measuring and dispensing pumps
2	3497	Nuts	2	3582	Laundry and dry-cleaning machinery
3	3492	Steel bolting	3	3583	Sewing machines
4	3493	Steel bolting	4	3581	Domestic laundry equipment
	3495	Steel bolting products	5	3584	Vacuum cleaners
	3496	Coils and pipe tubes	6	3585	Refrigeration machinery
	3491	Metal barrels, drums, and pails	35G-1	3594	Industrial patterns and molds
35A-1	3511	Steam engines and turbines	2	3595	Ball and roller bearings
2	3532	Oil field machinery and tools	3	3592	Fabricated pipe and fittings
3	3521	Tractors	4	3591	Valves and fittings, except plumbing
4	3522	Farm machinery (exc. tractors)	36A-1	3611	Wiring devices and supplies
5	3519	Internal combustion engines	2	3610	Electrical control apparatus
6	3531	Construction and mining machinery	3	3615	Transformers
35B-1	3544	Special dies and tools	4	3617	Electrical welding apparatus
2	3542	Metalworking machinery	5	3612	Carbon and graphite products
3	3545	Metalworking machinery attachments	6	3613	Electrical measuring instruments
4	3541	Machine tools	7	3614	Motors and generators
35C-1	3554	Paper-industries machinery	36B-1	3651	Electric lamps (bulbs)
2	3551	Food-products machinery	2	3621	Electrical appliances
3	3553	Woodworking machinery	3	3641	Engine electrical equipment
4	3555	Printing-trades machinery	4	3631	Insulated wire and cable
5	3552	Textile machinery	4	3631	Insulated wire and cable (change sheet)
6	3559	Special-industry machinery, n.e.c.	(Rev)		
35D-1	3566	Power-transmission equipment	36C-1	3605	Photograph records
2	3567	Industrial blowers	2	3662	Electronic tubes
3	3568	Compressors	3	3661	Radios and related products
4	3564	Blowers and fans	4	3604	Telephone and telegraph equipment
5	3567	Industrial furnaces and ovens	36D-1	3605	Photograph records
6	3565	Industrial trucks and trailers	2	3691	Storage batteries
7	3566	Elevators and escalators	3	3692	Primary batteries
8	3561	Pumps and compressors	37A-1	3715	Truck trailers
35E-1	3572	Typewriters	2	3716	Automotive trailers
2	3576	Scales and balances	3	3715	Truck and bus bodies
3	3571	Office and store machines, n.e.c.	4	3717	Motor vehicles and parts
4	3579	Office and store machines, n.e.c.	37A-Supp.		Special product report on production and use of automotive parts



Report number MC(P)-	Ind. code	Industry
37B-1	3723	Aircraft propellers
2	3722	Aircraft engines
3	3721	Aircraft
4	3729	Aircraft equipment, n.e.c.
37C-1	3751	Motorcycles and bicycles
2	3731	Ship building and repairing
3	3732	Boat building and repairing
4	3741	Locomotives and parts
5	3742	Railroad and street cars
38A-1	3841	Surgical and medical instruments
2	3842	Surgical appliances & supplies
3	3843	Dental equipment and supplies
4	3851	Ophthalmic goods
5	3831	Optical instruments and lenses
6	3811	Scientific instruments
7	3821	Mechanical measuring instruments
38B-1	3861	Photographic equipment
2	3872	Watchcases
3	3871	Watches and clocks
39A-1	3912	Jewelers' findings
2	3913	Lapidary work
3	3914	Silverware and plated ware
4	3911	Jewelry (precious metal)

Report number MC(P)-	Ind. code	Industry
39B-1	3931	Pianos
2	3939	Musical instruments, n.e.c.
3	3933	Piano and organ parts
4	3943	Children's vehicles
5	3942	Dolls
6	3949	Sporting and athletic goods
7	3932	Organs
8	3941	Games and toys, n.e.c.
39C-1	3953	Hand stamps and stencils
2	3954	Artists' materials
3	3955	Carbon paper and inked ribbons
4	3962	Artificial flowers
5	3952	Lead pencils and crayons
6	3961	Costume jewelry
7	3963	Buttons
8	3964	Needles, pins, and fasteners
9	3951	Pens and mechanical pencils
39D-1	3984	Candles
2	3985	Fireworks and pyrotechnics
3	3986	Jewelry and instrument cases
4	3987	Lamp shades
5	3981	Brooms and brushes
6	3983	Matches
7	3988	Morticians' goods
8	3971	Plastics products, n.e.c.
39E-1	3995	Umbrellas, parasols, and canes
2	3997	Soda-fountain and bar equipment
3	3993	Signs and advertising displays
4	3992	Furs, dressed and dyed



SUMMARY  
REPORTS

GROUP 20

GROUP 21

GROUP 22





# 1958 Census of Manufactures

## Preliminary General Statistics

December 1959

MO Fy-1

GROUP 20

### GENERAL STATISTICS FOR THE UNITED STATES, BY INDUSTRY GROUP AND INDUSTRY: 1958 AND 1954

This report presents the preliminary results for United States manufacturing as a whole, from the 1958 Census of Manufactures, conducted by the Bureau of the Census, Department of Commerce. Figures are shown for most of the 450 individual industries, as well as for about 150 industry groups and the 20 broad major groups within manufacturing.

The figures shown in this report have been subjected only to a preliminary review; such totals, therefore, must be regarded as tentative approximations of the final Census figures. In some instances, industry totals have been withheld in this report to permit additional checking of figures; they will appear in the final industry reports. The money figures shown in this publication are as reported; no adjustments have been made for changes in price or wage levels between the two Census years.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico. Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. The figures in this

report include the results for establishments located in the continental United States. Alaska and Hawaii were not States until 1959 and will be covered in separate reports at a later date. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for industry groups and most individual industries.

#### INDUSTRY CLASSIFICATION

In the Census of Manufactures, figures are collected from each manufacturing establishment engaged in the mechanical or chemical transformation of materials into new products. A manufacturing establishment usually consists of a single physical location where such industrial operations are performed; for example, a factory, mill, or plant. Each establishment is classified in a particular industry, according to the Standard Industrial Classification system, generally on the basis of the value of the principal products it produces. As the general statistics (employment, payroll, cost of materials, value of shipments, etc.) are reported for each establishment as a whole, the aggregates of such figures for an industry reflect not only the primary production activities of the establishments classified in that industry, but also their manufacture of secondary products (regarded



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents  
Complete set of approximately 460 preliminary Census of Manufactures reports, \$40.00

## 1958 CENSUS OF MANUFACTURES

as primary to other industries) and receipts for their other activities (contract work on materials owned by others, repair work, etc.). The extent to which plants classified in an industry "specialize" in making products regarded as primary to that industry will be shown in the preliminary industry report, as well as the final reports.

The Standard Industrial Classification system combines the approximately 450 individual industries into 150 industry groups, which are, in turn, combined into 20 major industry groups. Each individual industry is designated by a 4-digit code, each industry group by a 3-digit code identical with the first three digits of its component industries, and each major industry group by a 2-digit code identical with the first two digits of its component industry groups.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the 1945 Standard Industrial Classification Manual definitions of industries. The final industry reports will include industry statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC). In the manufacturing sector, the 1957 SIC includes extensive revisions of industry definitions.

#### ESTABLISHMENTS (PLANTS)

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities are substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The total number of establishment figures for detailed industries (4-digit) require additional checking and will be shown in the final industry reports. An appendix in this report shows the total number of establishments for the 2-digit industry groups for 1958 and 1954.

#### EXPLANATION OF TERMS

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll periods ended nearest the 15th of March, May, August, and November. (For highly seasonal industries, an average employment derived from 12 mid-month pay periods will be included in the final reports for the census.)

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Production workers, number.--This number includes all workers (up to the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivery), maintenance, repair, janitorial, and watchman services, product development, auxiliary production for plant's own use (e.g., power plant), record keeping, and other services closely associated with these production operations; it excludes supervisory employees above the working foreman level, force-account construction workers, and all other nonproduction personnel of manufacturing establishments.

Production workers, man-hours.--This total includes all "plant man-hours" of production and related workers. It consists of all man-hours worked or paid for in 1958, except hours paid for vacations, holidays, or sick leave, when the employee was not at the plant. The figure includes actual overtime hours, not straight-time equivalent hours.

Production workers, wages.--This item consists of that portion of the payroll (as defined above) paid to production workers of manufacturing establishments.

Value added by manufacture (adjusted).--This measure is derived by subtracting the cost of raw materials, parts, components, supplies, fuels, goods purchased for resale, and contract work, from the value of shipments of manufacturing establishments in each industry. It avoids, therefore, the duplication in the

## 1958 CENSUS OF MANUFACTURES

value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas. Adjusted value added which is shown in this report also includes the net change in finished goods and work-in-process inventory and the value added in merchandising activities of manufacturing establishments. That is, the difference between the value and cost of merchandise sold without further manufacturing is included in value added.

Value of shipments.--This figure represents net selling value, f.o.b. plant, after discounts and allowances, of all shipments of products from manufacturing establishments of an industry in 1958, plus receipts for miscellaneous activities of such plants; it excludes freight charges and excise taxes. Products transferred to other establishments of the same company (such as other manufacturing plants, separate sales branches, or retail dealers) are valued at the nearest approximation to the commercial selling value, f.o.b. plant, and not the cost of production. It should be noted that, for establishments classified in a given industry, the value of shipments includes not only (a) their value of products "primary" to the industry, but also (b) their value of "secondary" products (which are primary to other industries), and (c) their "miscellaneous receipts" for repair work, sale of scrap, installation of own products, receipts for contract work, etc. Also included in the value of shipments are sales of products bought and resold in the same condition. In earlier Censuses such receipts for merchandising activities were omitted from total value of shipments.

It should be noted that a summation of industry value of shipments figures to industry group totals would result in large and unknown amounts of duplication, owing to the addition of shipments reported by related industries engaged in successive fabrication stages in the production of finished manufactured products. For this reason, value of shipments totals are not

shown at the industry group (2-digit) or lower levels. This duplication is not significant within individual industries, except for a few important exceptions for which value of shipments is not shown in the accompanying table.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

### 1958 CENSUS OF MANUFACTURES PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-59E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary summary reports for States, Series MC(P)-2; Standard Metropolitan Statistical Areas, Series MC(P)-3; and Counties, Series MC(P)-4, will be released shortly with final State reports scheduled for publication in the summer of 1960. (Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.)



## 1958 CENSUS OF MANUFACTURES

## GENERAL STATISTICS FOR INDUSTRY GROUPS AND INDUSTRIES: 1958 AND 1954

(See text for explanation of column captions and industry code structure)

Ind. code	Industry group and industry	1958 <sup>2</sup>								1954 <sup>2</sup>			
		No. of plants with 20 or more empls.	All employees		Production workers			Value added, adjusted (million dollars)	Value of ship-ments (million dollars)	Capital expenditures, new (million dollars)	No. of plants with 20 or more empls.	All employ-ees (1,000)	Value added, adjusted (million dollars)
			Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
	All manufacturing establishments including administrative and auxiliary units, total* ..	(NA)	16,015	77,809	11,721	23,026	49,690	142,095	( <sup>1</sup> )	8,937	(NA)	16,126	117,097
	Operating manufacturing establishments.....	95,461	15,523	74,182	11,721	23,026	49,690	142,095	( <sup>1</sup> )	8,937	90,473	15,651	117,097
20	Food and kindred products.....	14,260	1,688	7,470	1,126	2,281	4,425	17,151		921	13,649	1,647	13,769
21	Tobacco manufactures.....	282	86	303	77	149	249	1,424		37	291	95	1,004
22	Textile mill products.....	4,706	922	3,027	850	1,610	2,477	4,968		231	4,862	1,037	4,709
23	Apparel and related products.....	13,034	1,185	3,378	1,031	1,930	2,772	6,289		81	13,280	1,190	5,166
24	Lumber and wood products.....	5,899	586	1,997	509	1,010	1,650	3,089		164	6,387	646	3,242
25	Furniture and fixtures.....	3,292	363	1,447	297	597	1,061	2,474		74	3,012	341	1,998
26	Pulp, paper and products.....	3,266	599	2,787	449	942	2,046	5,855		616	3,177	530	4,630
27	Printing and publishing.....	6,822	864	4,479	327	1,007	2,589	7,795		364	6,055	804	6,412
28	Chemicals and products.....	4,259	743	4,171	484	985	2,369	12,623		1,149	3,960	739	9,611
29	Petroleum and coal products.....	663	181	1,127	133	258	765	2,376		628	592	183	2,240
30	Rubber products.....	690	232	1,213	179	349	863	2,345	( <sup>1</sup> )	140	653	247	1,954
31	Leather and leather products.....	2,202	350	1,148	315	568	914	1,913		42	2,267	357	1,641
32	Stone, clay, and glass products <sup>3</sup> .....	4,510	599	2,616	448	904	1,947	5,222		507	3,333	492	3,866
33	Primary metal products.....	3,284	1,073	6,178	867	1,639	4,632	11,265		1,346	3,278	1,150	9,772
34	Fabricated metal products.....	8,380	1,044	3,274	804	1,638	3,635	9,133		468	7,348	1,019	7,653
35	Machinery, except electrical.....	8,038	1,553	8,412	1,103	2,172	5,382	14,193		772	7,522	1,542	12,185
36	Electrical machinery.....	3,267	1,016	5,046	721	1,429	3,099	9,362		455	2,837	959	7,300
37	Transportation equipment.....	2,577	1,686	9,664	1,177	2,354	6,277	16,397		634	2,317	1,705	13,422
38	Instruments and related products.....	1,124	290	1,539	196	390	892	2,932		122	985	273	2,132
39	Misc. manuf. (incl. Ordnance).....	4,806	603	2,706	448	884	1,666	4,767		186	4,668	696	4,393
--	Administrative and auxiliary <sup>4</sup> .....	(NA)	492	3,627	...	...	...	...		...	...	474	...
20	Food and kindred products...	14,260	1,688	7,470	1,126	2,281	4,425	17,151	( <sup>1</sup> )	921	13,649	1,647	13,769
201	Meat products.....	1,871	312	1,474	243	490	1,063	2,574	( <sup>1</sup> )	112	1,861	311	1,938
2011	Meat packing plants.....	918	207	1,095	156	321	785	1,849	12,455	70	933	220	1,397
2013	Prepared meats.....	429	48	234	36	76	159	448		19	435	45	354
2015	Poultry dressing.....	524	57	145	51	93	119	277		23	493	46	207
202	Dairy products.....	3,341	296	1,360	143	309	582	2,869	( <sup>1</sup> )	186	3,171	283	2,303
2021	Creamery butter.....	238	18	68	13	28	45	150		16	248	21	142
2022	Natural cheese.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	152	14	92
2023	Concentrated milk.....	194	13	58	10	22	44	186		13	192	13	165
2024	Ice cream and ices.....	465	35	156	19	40	73	397		27	477	36	335
2025	Special dairy products.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	61	7	53
2027	Fluid milk and other products...	2,198	209	996	84	180	358	1,994		112	2,011	191	1,514
203	Canned and frozen foods.....	1,862	217	714	187	353	543	1,834	( <sup>1</sup> )	109	1,759	199	1,373
2031	Canned seafood.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	151	15	94
2032	Cured fish.....	28	2	8	2	5	3	56		0	23	2	11
2033	Canned fruits and vegetables...	978	126	428	109	211	333	1,132		69	998	120	890
2034	Dehydrated fruits and vegetables	67	8	29	7	13	22	78		7	64	7	36
2035	Pickles and sauces.....	236	23	84	18	36	59	197		15	220	22	143
2036	Packaged seafood.....	227	18	41	16	28	32	84		4	135	12	49
2037	Frozen fruits and Vegetables...	181	27	84	23	44	64	240		12	168	21	169
204	Grain mill products.....	1,088	108	505	75	164	325	1,611	( <sup>1</sup> )	80	1,064	110	1,288
2041	Flour and meal.....	258	29	142	21	44	96	405		23	260	29	331
2042	Prepared animal feeds.....	720	59	258	39	89	157	782		38	685	60	650
2043	Cereal breakfast foods.....	27	11	63	9	17	45	253		9	27	12	177
2044	Rice milling.....	56	4	15	3	7	10	55		2	58	4	44
2045	Flour mixes.....	27	5	27	3	7	17	116		8	34	6	106
205	Bakery products.....	2,333	301	1,337	179	359	691	2,394	( <sup>1</sup> )	120	2,192	291	2,057
2051	Bread and related products.....	2,150	257	1,158	145	292	570	1,882		104	2,024	246	1,657
2052	Biscuit and crackers.....	183	44	179	34	67	121	512		16	168	45	420
206	Sugar.....	137	30	147	23	54	114	347	( <sup>1</sup> )	36	131	30	265
2061	Raw cane sugar.....	43	3	9	2	6	7	21		2	43	3	18
2062	Cane-sugar refining.....	27	16	87	12	27	66	190		26	23	16	133
2063	Beet sugar.....	67	11	51	9	21	41	136		8	65	11	114
207	Candy and related products....	458	81	290	64	124	204	741	( <sup>1</sup> )	32	486	80	610
2071	Confectionery products.....	411	66	226	53	102	161	493		24	446	67	432
2072	Chocolate and cocoa products...	30	9	39	7	14	28	142		5	24	8	86
2073	Chewing gum.....	17	6	25	4	8	15	106		3	16	5	92
208	Beverages.....	1,837	196	993	110	221	511	2,664	( <sup>1</sup> )	143	1,713	203	2,247
2081	Bottled soft drinks.....	1,408	96	401	39	84	129	847		66	1,250	92	651
2082	Beer and ale.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	266	81	1,106
2083	Malt.....	34	2	16	2	4	11	35		3	24	3	50
2084	Wines and brandy.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	66	6	100
2085	Distilled liquor, except brandy.	93	20	101	16	32	72	486		10	97	22	338

See footnotes at end of table.

## 145a TENS SELF MAN FACT ES

## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR INDUSTRY GROUPS AND INDUSTRIES: 1958 and 1954--Continued

(See text for explanation of column captions and industry code structure)

Ind. code	Industry group and industry	1958 <sup>2</sup>									1954 <sup>2</sup>		
		No. of plants with 20 or more empis.	All employees		Production workers			Value added, adjusted (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	No. of plants with 20 or more empis.	All employees (1,000)	Value added, adjusted (million dollars)
			Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
	Apparel and related products--Continued												
232	Men's and boys' furnishings..	2,005	283	723	255	462	608	1,217	(1)	(*)	2,161	286	1,006
2321	Men's dress shirts and nightwear.....	605	102	253	93	168	209	431	996	12	676	108	370
2322	Men's and boys' underwear.....	76	13	32	12	21	27	52	121	1	127	9	31
2323	Men's and boys' neckwear.....	112	8	27	6	11	18	50	106	1	60	9	49
2325	Men's and boys' cloth hats.....	104	3	24	7	14	20	59	70	1	111	8	32
2326	Hat and cap materials.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	12	1	5
2327	Separate trousers.....	364	32	137	48	87	112	218	485	5	410	52	180
2328	Work shirts.....	48	8	17	7	13	15	25	59	0	44	7	17
2329	Men's and boys' clothing, nec.....	688	91	231	81	147	205	378	1,024	6	721	91	321
233	Women's and misses' outerwear.....	5,555	362	1,156	312	545	877	2,032	(1)	(*)	5,587	364	1,696
2331	Blouses.....	735	43	124	43	73	98	213	472	4	700	43	166
2333	Dresses, unit price.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2,502	143	662
2334	Dresses, dozen price.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	533	55	208
2337	Women's suits, coats, and skirts.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	1,476	96	532
2338	Women's neckwear and scarfs.....	22	2	6	1	2	4	14	36	1	24	2	12
2339	Women's outerwear, n.e.c.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	352	25	117
234	Women's and children's undergarments.....	987	111	320	96	173	236	608	1,330	(*)	1,087	112	510
2341	Women's and children's underwear.....	707	73	198	64	117	153	362	862	(*)	767	73	295
2342	Corsets and allied garments.....	280	38	122	32	56	85	246	468	(*)	320	39	215
2351	Millinery.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	290	20	102
236	Children's outerwear.....	1,066	81	230	71	128	176	408	(1)	8	1,050	78	320
2361	Children's dresses.....	477	35	99	31	56	76	178	361	1	442	33	128
2363	Children's coats.....	200	12	41	11	19	30	72	167	3	214	14	72
2369	Children's outerwear, n.e.c.....	389	34	90	29	53	70	158	359	4	394	31	121
2371	Fur goods.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	63	10	76
238	Miscellaneous apparel.....	750	65	184	53	96	139	328	(1)	3	794	64	269
2381	Fabric dress gloves.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	50	5	17
2382	Fabric work gloves.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	96	10	30
2383	Suspenders and garters.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	9	1	4
2384	Robes and dressing gowns.....	165	12	33	10	18	25	62	142	1	157	11	43
2385	Waterproof outer garments.....	155	13	44	11	21	33	78	155	1	154	13	59
2386	Leather and sheep-lined clothing.....	73	5	17	4	8	13	33	76	0	74	5	24
2387	Belts.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	168	13	60
2388	Handkerchiefs.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	44	4	15
2389	Apparel, n.e.c.....	50	4	14	3	6	10	23	41	0	42	4	16
239	Fabricated textiles, n.e.c.....	1,480	129	425	108	207	316	729	(1)	16	1,509	135	648
2391	Curtains and draperies.....	206	16	48	14	27	37	80	222	(*)	182	14	64
2392	Housefurnishings, n.e.c.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	361	36	179
2393	Textile bags.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	121	12	55
2394	Canvas products.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	150	14	65
2395	Tucking, pleating, and stitching	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	95	6	28
2396	Trimings and art goods.....	183	18	72	14	27	51	95	300	(*)	198	18	91
2397	Schiffli-machine embroideries..	237	6	25	5	11	21	78	141	1	271	6	32
2398	Embroideries, except Schiffli..	101	7	21	2	12	17	35	56	(*)	141	11	32
2399	Fabricated textile products, nec	243	19	63	16	30	46	105	251	(*)	206	18	89
24	Lumber and wood products...	5,899	506	2,107	509	1,104	1,725	3,089	7,530	164	6,387	646	3,242
2411	Logging camps and contractors...	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	549	76	393
242	Lumber and basic products....	3,045	296	1,034	258	593	871	1,364	(1)	98	3,500	341	1,610
2421	Sawmills and planing mills....	2,727	276	857	240	466	720	1,246	3,223	(*)	3,180	321	1,518
2422	Veneer mills.....	210	13	45	12	24	37	82	179	5	212	13	59
2423	Shingle mills.....	40	3	11	2	3	9	16	41	1	33	3	16
2424	Cooperage stock mills.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	55	3	10
2425	Excelsior mills.....	22	1	4	1	2	4	7	14	0	20	1	7
243	Millwork and related products	1,125	123	534	104	209	412	869	(1)	(*)	1,064	119	744
2431	Millwork plants.....	714	61	267	50	101	196	419	1,038	(*)	731	69	408
2432	Plywood plants.....	260	48	204	44	88	177	326	746	(*)	222	39	245
2433	Prefabricated wood products....	151	14	63	10	20	39	124	327	(*)	111	12	91
244	Wooden containers.....	422	39	122	36	69	100	184	(1)	6	545	52	215
2441	Fruit and vegetable baskets....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	70	7	19
2442	Rattan and willow ware.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	17	1	6
2443	Cigar boxes.....	3	0	1	0	0	1	1	2	0	13	1	4
2444	Wooden boxes.....	308	29	90	26	51	72	138	513	4	413	40	169
2445	Cooperage.....	34	4	15	4	7	13	21	76	1	32	4	17

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR INDUSTRY GROUPS AND INDUSTRIES: 1958 AND 1957

(See text for explanation of column headings and industry group structure.)

Ind. code	Industry group and industry	No. of plants with 20 or more emp.	1958									
			All employees		Production & exp.			Value added, adjusted	Value of shipments	Shipments of goods	Net value added	Total value added
			Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
249	Lumber and wood products-- Continued	750	57	1.1	47	24	140	11	1	1	1	1
2491	Miscellaneous wood products...	750	57	1.1	47	24	140	11	1	1	1	1
2492	Wood preserving.....	750	57	1.1	47	24	140	11	1	1	1	1
2493	Lasts and related products.....	750	57	1.1	47	24	140	11	1	1	1	1
2494	Mirror and picture frames.....	750	57	1.1	47	24	140	11	1	1	1	1
2499	Wood products, n.e.c.....	750	57	1.1	47	24	140	11	1	1	1	1
25	Furniture and fixtures.....	1,492	10	1,477	107	59	1,361	1,477	1	1	1	1
251	Household furniture.....	2,335	10	1,477	107	59	1,361	1,477	1	1	1	1
2511	Wood house furniture not upholstered.....	939	127	446	110	54	347	71	1,401	1	1	1
2512	Upholstered household furniture.....	768	63	258	27	110	195	45	1	1	1	1
2514	Metal household furniture.....	271	5	125	25	49	89	118	1	1	1	1
2515	Mattresses and bedsprings.....	235	16	109	20	59	72	86	476	1	1	1
2519	Household furniture, n.e.c.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
252	Office furniture.....	147	24	12	19	7	11	11	1	1	1	1
2521	Wood office furniture.....	59	6	25	5	11	19	11	1	1	1	1
2522	Metal office furniture.....	88	18	37	14	68	64	176	1	1	1	1
253	Public and professional furniture.....	193	14	104	17	37	71	166	1	1	1	1
2531	Public-building furniture.....	147	16	68	12	16	47	110	206	1	1	1
2532	Professional furniture.....	50	8	36	5	11	24	56	104	1	1	1
254	Partitions and fixtures.....	429	56	166	27	55	151	266	70	1	1	1
256	Screens, shades, and blinds...	141	12	70	13	45	46	266	1	1	1	1
2561	Window and door screens.....	65	5	20	4	7	13	30	1	1	1	1
2562	Window shades.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
2563	Venetian blinds.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
259	Furniture and fixtures, n.e.c.	77	6	27	1	11	11	4	1	1	1	1
2591	Restaurant furniture.....	41	3	13	5	10	2	44	1	1	1	1
2599	Furniture and fixtures, n.e.c.	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
26	Pulp, paper, and products....	3,266	109	1,787	449	442	1,346	1,346	1	1	1	1
261	Pulp, paper, and board.....	712	104	1,243	176	400	967	1,346	1	1	1	1
2611	Pulp mills.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
2612	Paper and paperboard mills...	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
2613	Building paper and board mills...	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
264	Paper coating and glazing.....	154	25	135	1	2	50	184	1	1	1	1
2651	Envelopes.....	145	15	74	14	40	50	107	1	1	1	1
2661	Paper bags.....	246	25	166	31	76	110	117	1	1	1	1
267	Paperboard containers.....	1,306	156	690	101	247	400	1,306	1	1	1	1
2671	Paperboard boxes.....	1,199	140	658	112	239	354	1,199	1	1	1	1
2674	Fiber cans, tubes, drums, etc...	107	16	40	9	18	46	107	1	1	1	1
269	Pulp, paper and board products, n.e.c.....	701	102	463	77	167	368	701	1	1	1	1
2691	Die-cut paper and board.....	119	12	55	1	13	15	119	1	1	1	1
2693	Wallpaper.....	49	3	13	1	4	1	49	1	1	1	1
2694	Pulp goods, pressed and molded...	27	1	11	4	10	10	27	1	1	1	1
2699	Paper and board products, n.e.c.	584	87	779	64	152	263	584	1	1	1	1
27	Printing and publishing.....	6,830	164	1,470	107	1,000	1,346	1,346	1	1	1	1
2711	Newspapers.....	1,730	16	1,504	10	10	1	1,730	1	1	1	1
2721	Periodicals.....	570	1	3	1	7	1	570	1	1	1	1
273	Books.....	442	67	515	34	66	134	442	1	1	1	1
2731	Books: publishing and printing...	279	40	195	11	21	45	279	1	1	1	1
2732	Book printing.....	163	27	140	23	45	89	163	1	1	1	1
2741	Miscellaneous publishing.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
2751	Commercial printing.....	1,710	100	1,135	106	24	100	1,710	1	1	1	1
2761	Lithographing.....	1,980	90	550	36	100	100	1,980	1	1	1	1
2771	Greeting cards.....	77	14	88	1	3	3	77	1	1	1	1

See footnotes at end of table.



## 1958 CENSUS OF MANUFACTURES

## GENERAL STATISTICS FOR INDUSTRY GROUPS AND INDUSTRIES: 1958 AND 1954--Continued

(See text for explanation of column captions and industry code structure)

Ind. code	Industry group and industry	No. of plants with 20 or more empls.	1958 <sup>2</sup>					1954 <sup>2</sup>					
			All employees		Production workers			Value added, adjusted (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	No. of plants with 20 or more empls.	All employees (1,000)	Value added, adjusted (million dollars)
			Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
	Printing and publishing--Continued												
278	Bookbinding and related ind...	469	43	179	36	69	131	287	(*)	(*)	372	37	202
2781	Bookbinding.....	229	19	74	17	32	60	109	151	5	195	17	86
2782	Blankbooks and paper ruling....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	72	9	49
2783	Loose-leaf binders and devices..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	50	8	50
2789	Miscellaneous bookbinding work..	66	4	17	4	7	13	28	39	2	55	3	17
279	Printing trade services.....	733	52	325	39	74	246	463	(*)	(*)	637	48	370
2791	Typesetting.....	247	18	109	14	27	86	153	179	7	188	15	107
2792	Engraving and plate printing....	106	10	46	8	15	36	73	99	4	69	8	44
2793	Photoengraving.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	267	18	149
2794	Electrotyping and stereotyping..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	113	8	70
28	Chemicals and allied products.....	4,259	743	4,171	484	985	2,369	12,623	(*)	1,149	3,960	739	9,611
281	Inorganic chemicals.....	321	118	711	76	155	418	1,716	(*)	155	309	121	1,409
2811	Sulfuric acid.....	38	3	18	3	5	13	74	147	14	42	4	68
2812	Alkalies and chlorine.....	32	21	118	14	29	77	298	519	37	29	20	256
2819	Inorganic chemicals, n.e.c.....	251	94	575	59	121	328	1,344	2,683	104	238	97	1,084
282	Organic chemicals.....	639	245	1,461	171	341	909	4,134	(*)	619	517	245	3,211
2821	Cyclic (coal tar) crudes.....	26	2	13	2	4	9	31	119	4	26	2	22
2822	Intermediates and organic colors	84	26	134	18	35	96	371	813	75	76	33	363
2823	Plastics materials.....	208	52	314	36	73	191	874	1,850	128	157	41	536
2824	Synthetic rubber.....	17	9	61	3	13	38	9	199	537	16	21	143
2825	Synthetic fiber.....	43	62	318	45	89	204	836	1,424	76	44	61	699
2826	Explosives.....	60	15	81	11	20	52	136	236	9	55	32	221
2829	Organic chemicals, n.e.c.....	201	79	520	53	107	319	1,687	3,174	313	168	68	1,177
283	Drugs and medicines.....	409	96	549	56	112	253	2,107	(*)	106	399	92	1,365
2831	Biological products.....	40	4	19	3	6	12	48	78	6	43	4	39
2833	Medicinal chemicals, (including botanicals).....	50	10	64	7	14	36	178	327	34	40	12	143
2834	Pharmaceutical preparations.....	319	82	466	46	92	205	1,881	2,591	66	316	77	1,182
284	Soap and related products.....	349	45	262	26	53	129	1,123	(*)	26	292	46	852
2841	Soap and glycerin.....	79	21	125	14	29	78	659	1,213	13	88	26	521
2842	Cleaning and polishing preparations.....	242	22	125	11	22	46	438	847	12	173	18	300
2843	Sulfonated oils and assistants..	28	2	12	1	2	5	26	66	1	31	2	31
285	Paints and allied products.....	654	70	386	41	85	194	1,007	(*)	57	625	70	867
2851	Paints and varnishes.....	581	58	315	32	67	149	755	1,809	30	552	57	662
2852	Inorganic color pigments.....	55	11	63	8	16	42	233	419	26	55	12	195
2853	Whiting and fillers.....	18	1	8	1	2	3	19	37	1	18	1	11
286	Gum and wood chemicals.....	40	6	27	5	11	19	73	(*)	4	45	7	62
2861	Hardwood distillation.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	10	2	8
2862	Softwood distillation.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	19	4	46
2863	Gum naval stores.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	7	1	5
2865	Tanning and dyeing materials..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	9	1	5
287	Fertilizers.....	406	31	121	22	45	80	309	(*)	33	418	32	272
2871	Fertilizers.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	215	20	179
2872	Fertilizers, mixing only.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	203	12	93
288	Vegetable and animal oils.....	489	35	162	25	58	105	412	(*)	39	536	40	598
2881	Cottonseed oil mills.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	238	14	112
2882	Linseed oil mills.....	8	1	6	1	2	5	18	110	1	11	1	15
2883	Soybean oil mills.....	85	8	43	6	13	27	141	1,160	15	69	7	107
2884	Vegetable oil mills, n.e.c.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	25	2	22
2886	Grease and tallow.....	167	12	57	8	19	37	129	321	9	144	11	97
2887	Fatty acids.....	12	2	10	1	2	6	25	67	3	12	2	24
2889	Animal oils, n.e.c.....	45	3	9	2	4	6	27	66	3	37	2	22
289	Chemical products, n.e.c.....	952	97	492	62	125	262	1,742	(*)	110	819	85	1,175
2891	Printing ink.....	92	8	45	5	11	26	122	221	3	37	8	88
2892	Essential oils.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	10	1	6
2893	Toilet preparations.....	188	30	137	19	38	68	709	1,078	14	167	25	432
2894	Glue and gelatin.....	80	7	37	5	9	22	89	202	7	69	7	63
2895	Carbon black.....	34	3	19	3	6	15	74	122	5	37	3	60
2896	Compressed and liquefied gases	174	11	56	6	13	30	172	277	43	156	10	122
2897	Insecticides and fungicides.....	90	7	31	4	9	16	36	251	6	76	7	71
2898	Salt.....	25	4	20	4	7	16	60	87	5	23	4	49
2899	Chemical products, n.e.c.....	259	26	141	13	31	65	452	901	26	192	21	276
29	Petroleum and coal products.	663	181	1,127	133	258	765	2,576	(*)	628	592	183	2,240
2911	Petroleum refining.....	318	147	953	108	210	654	2,176	14,577	603	316	153	1,918

See footnotes at end of table.

## 1956 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR THE UNITED STATES AND THE DISTRICT OF COLUMBIA

UNITED STATES DEPARTMENT OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS

Ind. code	Industry, description, category	1954 plant and equip.	1954 output		Production in 1954		Value added, millions dollars	Constant prices, 1954	Constant prices, 1954	Constant prices, 1954	Constant prices, 1954	Constant prices, 1954	Constant prices, 1954
			Number	Value, millions dollars	Number	Value, millions dollars							
299	Petroleum and coal products, n.e.c.	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
31	Rubber products	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
311	Tires and inner tubes	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
312	Rubber footwear	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
313	Reclaimed rubber	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
319	Rubber industrial, n.e.c.	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
32	Leather and leather products	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
321	Leather tanning and finishing	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
322	Industrial leather selling	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
323	Footwear cut stock	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
324	Footwear (except rubber)	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
325	Leather, except rubber	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
326	House slippers	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
327	Leather gloves	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
328	Leather dress goods	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
329	Leather work gloves	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
33	Luggage	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
331	Purses and small leather goods	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
332	Handbags and purses	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
333	Small leather goods	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
334	Miscellaneous leather goods	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
335	Saddlery, harness, and whips	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
336	Leather goods, n.e.c.	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
34	Stone, clay, and glass products	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
341	Flat glass	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
342	Pressed and blown glassware	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
343	Glass containers	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
344	Pressed and blown glass, n.e.c.	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
345	Products of purchased glass	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
35	Cement, hydraulic	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
36	Structural clay products	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
361	Tiles and hollow tiles	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
362	Flower and wall tiles	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
363	Sewer pipe	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
364	Clay refractories	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
365	Structural clay products, n.e.c.	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
37	Battery and electric products	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
371	Electric lighting fixtures	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
372	Electric wiring and materials	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
373	Communication equipment	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
374	Electric equipment for the home	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
375	Electric products, n.e.c.	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
38	General and power products	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
381	General products	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
382	Power products	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
383	Electric power	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
384	Minor electrical	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210
39	Plastics and plastic products	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210

See footnote at end of table.

## 1958 CENSUS OF MANUFACTURES

## GENERAL STATISTICS FOR INDUSTRY GROUPS AND INDUSTRIES: 1958 AND 1954--Continued

(See text for explanation of column captions and industry code structure)

Ind. code	Industry group and industry	No. of plants with 20 or more empls.	1958 <sup>1</sup>						1954 <sup>2</sup>				
			All employees		Production workers			Value added, adjusted (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	No. of plants with 20 or more empls.	All employees (1,000)	Value added, adjusted (million dollars)
			Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
329	Stone, clay, and glass products--Continued												
	Nonmetallic mineral products, n.e.c.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	533	80	681
3291	Abrasive products.....	131	24	128	16	31	76	271	481	21	132	22	199
3292	Asbestos products.....	80	21	106	17	35	80	236	454	13	84	22	187
3293	Gaskets and asbestos insulations	99	14	66	10	20	42	107	190	7	87	13	87
3295	Minerals: ground or treated....	108	9	42	7	15	31	107	204	8	108	8	91
3297	Nonclay refractories.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	59	9	77
3298	Statuary and art goods.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	25	2	9
3299	Nonmetallic mineral products, nec	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	38	4	30
33	Primary metal industries....	3,284	1,073	6,178	867	1,659	4,632	11,265	( <sup>1</sup> )	1,346	3,278	1,150	9,772
331	Blast furnaces and steel mills	299	519	3,224	423	779	2,447	6,129	( <sup>1</sup> )	948	410	565	5,174
3312	Steel works and rolling mills...	264	508	3,160	415	762	2,404	5,993	( <sup>1</sup> )	930	377	551	5,055
3313	Electrometallurgical products...	35	11	64	8	17	43	136	350	18	29	11	119
332	Iron and steel foundries.....	1,140	185	899	156	287	693	1,336	( <sup>1</sup> )	62	1,220	212	1,327
3321	Gray-iron foundries.....	850	116	546	99	182	430	828	1,478	39	940	134	847
3322	Malleable-iron foundries.....	74	20	99	17	31	76	126	212	4	77	23	133
3323	Steel foundries.....	216	49	254	40	74	187	382	595	19	203	55	347
333	Primary nonferrous metals....	108	48	272	38	78	207	697	( <sup>1</sup> )	99	89	54	585
3331	Primary copper.....	28	15	76	12	24	60	153	( <sup>1</sup> )	15	27	14	151
3332	Primary lead.....	14	4	18	3	6	14	40	( <sup>1</sup> )	1	13	4	23
3333	Primary zinc.....	21	9	47	7	15	36	73	220	13	21	10	76
3334	Primary aluminum.....	19	17	111	13	28	83	363	809	66	16	21	259
3339	Primary nonferrous metals, nec..	26	3	20	3	5	14	68	144	4	12	6	75
3341	Secondary nonferrous metals....	149	15	79	11	23	50	152	756	6	144	16	152
335	Nonferrous rolling and drawing	269	101	571	77	155	410	1,078	( <sup>1</sup> )	119	209	89	880
3351	Copper rolling and drawing.....	91	44	242	34	68	178	452	1,274	30	77	42	423
3352	Aluminum rolling and drawing...	105	40	234	31	64	172	447	1,276	( <sup>1</sup> )	77	37	352
3359	Nonferrous rolling & drawing nec..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	60	10	105
3361	Nonferrous foundries.....	642	64	327	52	102	244	477	898	25	611	73	472
339	Primary metal industries, nec.	677	141	806	110	215	581	1,356	( <sup>1</sup> )	87	599	142	1,182
3391	Iron and steel forgings.....	187	37	219	30	56	161	313	681	14	182	40	294
3392	Wire drawing.....	159	23	295	41	81	209	549	1,442	37	145	55	469
3393	Welded and heavy-ribbed pipe...	98	23	150	18	36	98	254	691	14	69	22	208
3399	Primary metal industries, n.e.c.	233	28	162	21	42	113	280	751	22	203	25	211
34	Fabricated metal products...	8,380	1,044	5,274	804	1,608	3,655	9,153	( <sup>1</sup> )	468	7,348	1,019	7,653
3411	Tin cans and other tinware.....	196	55	308	48	96	232	674	1,839	38	175	55	500
342	Cutlery, hand tools, and hardware.....	825	138	664	106	208	459	1,201	( <sup>1</sup> )	38	743	144	1,041
3421	Cutlery.....	73	12	52	9	18	35	123	177	2	79	15	121
3422	Edge tools.....	80	7	33	6	11	23	59	90	2	78	7	49
3423	Hand tools, n.e.c.....	163	21	99	16	31	68	183	316	6	176	23	162
3424	Files.....	7	2	10	2	4	9	14	30	1	7	3	20
3425	Hand-saws and saw blades.....	40	6	29	4	8	19	56	91	1	42	7	51
3429	Hardware, n.e.c.....	462	90	441	69	136	305	766	1,366	26	361	88	659
343	Heating and plumbing equipment	530	97	480	73	143	322	832	( <sup>1</sup> )	33	554	106	828
3431	Plumbing fixtures and fittings..	130	28	140	23	44	104	245	476	13	129	31	239
3439	Heating and cooking apparatus, n.e.c.....	400	69	340	50	99	218	607	1,381	20	425	75	588
344	Structural metal products....	2,948	331	1,752	244	489	1,147	2,885	( <sup>1</sup> )	141	2,386	284	2,235
3441	Structural and ornamental products.....	1,175	134	730	99	200	474	1,228	2,814	54	969	116	931
3442	Metal doors, sash, and trim....	561	59	289	40	82	163	440	977	17	386	43	343
3443	Boiler shop products.....	215	81	443	59	116	291	674	1,488	45	481	74	548
3444	Sheet-metal work.....	697	61	320	46	91	219	543	1,136	25	550	50	394
346	Metal stamping and coating....	1,775	176	862	142	287	621	1,402	( <sup>1</sup> )	77	1,558	184	1,243
3461	Vitreous-enameled products.....	34	6	27	5	10	20	41	80	2	33	7	36
3463	Metal stampings.....	1,006	119	613	95	192	435	993	1,996	52	897	128	922
3465	Enameling and lacquering.....	88	6	25	5	10	19	41	67	2	79	6	30
3466	Galvanizing.....	62	5	21	4	8	15	36	55	2	44	3	20
3467	Engraving on metal.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	40	4	20
3468	Plating and polishing.....	343	36	156	30	60	117	299	358	17	465	36	214
3471	Lighting fixtures.....	429	48	219	37	73	145	400	828	14	381	45	325
348	Fabricated wire products.....	575	60	281	48	94	198	479	( <sup>1</sup> )	22	535	63	438
3481	Nails and spikes.....	35	3	13	3	5	9	25	47	1	37	3	18
3489	Wirework, n.e.c.....	540	57	268	45	89	189	454	911	21	498	60	413

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR INDUSTRY GROUPS AND INDUSTRIES: 1950 AND 1958--Continued

See text for explanation of column captions and industry code structure

Ind. code	Industry group and industry	No. of plants with 20 or more empls.	1950					1958						
			All employees		Production workers			Value added, adjusted (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	No. of plants with 20 or more empls.	All employees (1,000)	Value added, adjusted (million dollars)	
			Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)							
	Fabricated metal products--Continued													
349	Metal products, n.e.c.....	1,101	139	708	106	218	491	1,260	(1)	105	1,016	139	1,333	
3491	Metal barrels, drums, and pails	71	9	51	7	15	27	94	247	4	65	12	36	
3492	Safes and vaults.....	13	4	16	2	5	11	40	60	1	10	2	20	
3493	Steel springs.....	40	5	27	4	8	20	42	102	(*)	45	7	27	
3494	Bolts, nuts, washers, and rivets	235	54	289	41	82	194	503	385	45	254	54	322	
3495	Screw machine products.....	419	32	157	26	56	116	250	435	14	411	32	244	
3496	Collapsible tubes.....	20	4	15	3	6	12	24	45	1	11	4	20	
3497	Metal foil.....	45	8	42	6	12	29	95	271	7	32	8	66	
3499	Fabricated metal products, nec.	203	23	111	17	34	72	204	406	32	183	18	131	
35	Machinery except electrical.	8,038	1,553	8,412	1,103	2,172	5,382	14,193	(1)	772	7,522	1,542	12,183	
351	Engines and turbines.....	106	95	549	65	128	354	1,045	(1)	61	36	82	651	
3511	Steam engines and turbines.....	25	41	250	27	53	153	322	868	20	16	30	230	
3519	Internal combustion engines....	81	54	299	38	75	196	523	1,141	41	70	52	371	
352	Tractors and farm machinery..	517	135	684	100	190	462	1,272	(1)	64	471	139	1,036	
3521	Tractors.....	68	60	314	45	81	215	585	1,447	36	74	65	509	
3522	Farm machinery (except tractors)	449	75	370	55	109	247	687	1,514	28	397	74	527	
353	Construction and mining machinery.....	548	116	627	78	154	377	1,104	(1)	56	499	109	906	
3531	Construction and mining machinery.....	380	83	448	57	111	273	763	1,670	37	341	76	578	
3532	Oilfield machinery and tools...	168	33	179	21	43	104	341	596	19	158	34	328	
354	Metalworking machinery.....	1,625	216	1,280	161	324	868	1,903	(1)	97	1,684	263	2,275	
3541	Machine tools.....	230	54	307	37	71	185	430	697	20	266	81	744	
3542	Metalworking machinery.....	269	52	297	38	75	193	474	867	28	222	59	508	
3544	Special dies and tools.....	832	70	459	53	123	352	662	901	35	889	77	632	
3545	Metalworking machinery attachments.....	294	40	217	28	55	138	337	489	14	307	45	341	
355	Special-industry machinery, n.e.c.....	1,149	163	856	112	227	526	1,344	(1)	57	1,104	166	1,284	
3551	Food-products machinery.....	239	28	132	18	37	87	269	456	8	261	33	262	
3552	Textile machinery.....	211	35	156	26	52	103	216	378	9	210	37	217	
3553	Woodworking machinery.....	95	12	63	8	16	37	112	214	7	96	12	103	
3554	Paper-industries machinery.....	97	16	90	11	23	58	125	310	5	93	15	110	
3555	Printing-trades machinery.....	119	21	119	15	30	78	190	313	9	109	22	179	
3559	Special-industry machinery, nec.	388	51	276	34	69	163	432	760	19	330	47	354	
356	General industrial machinery.	1,300	233	1,288	149	294	718	2,147	(1)	98	1,224	224	1,844	
3561	Pumps and compressors.....	242	60	323	38	75	181	545	1,121	26	237	60	455	
3562	Elevators and escalators.....	75	10	55	6	12	31	124	192	2	66	10	100	
3563	Conveyors.....	196	31	177	20	39	96	230	583	12	192	32	232	
3564	Blowers and fans.....	106	16	84	11	22	51	143	276	6	106	13	153	
3565	Industrial trucks and tractors.	95	15	77	10	19	44	122	272	3	96	16	124	
3566	Power-transmission equipment...	265	49	267	35	69	172	464	738	23	262	50	306	
3567	Industrial furnaces and ovens.	73	9	52	5	10	23	89	194	3	63	8	81	
3568	Mechanical stokers.....	9	1	4	0	1	2	6	1	0	8	1	9	
3569	General industrial machinery, n.e.c.....	239	42	249	24	47	118	359	737	23	193	28	211	
357	Office and store machines....	246	134	716	90	171	431	1,059	(1)	89	134	101	777	
3571	Computing and related machines.	76	33	481	52	100	273	599	1,128	62	51	97	405	
3572	Typewriters.....	12	20	84	16	30	65	169	238	10	14	18	137	
3576	Scales and balances.....	73	6	23	4	7	16	52	82	2	35	5	46	
3579	Office and store machines, nec.	120	25	123	18	34	77	239	398	15	94	21	189	
358	Service and household machines.....	562	179	939	129	251	600	1,834	(1)	94	553	197	1,551	
3581	Domestic laundry equipment.....	33	24	132	18	35	88	321	737	7	49	22	191	
3582	Laundry and dry-cleaning machinery.....	45	6	33	5	9	20	65	117	3	46	7	57	
3583	Sewing machines.....	17	10	48	7	13	32	61	111	2	28	12	70	
3584	Vacuum cleaners.....	20	6	33	4	8	19	50	154	2	21	8	90	
3585	Refrigeration machinery.....	311	113	585	82	162	384	1,064	(1)	32	287	128	387	
3586	Measuring and dispensing pumps.	24	6	34	4	7	17	66	121	3	21	8	64	
3589	Service and household machines, n.e.c.....	112	14	76	9	17	39	107	323	4	82	10	92	
359	Miscellaneous machinery parts.....	1,985	282	1,473	219	433	1,046	2,485	(1)	196	1,725	261	1,920	
3591	Valves and fittings, except plumbing.....	341	77	410	56	110	270	732	1,265	34	314	75	579	
3592	Fabricated pipe and fittings....	133	15	85	11	22	55	155	328	4	130	13	122	
3593	Ball and roller bearings.....	80	46	241	36	67	169	444	650	34	81	50	329	
3594	Industrial patterns and molds..	246	22	135	19	38	110	194	263	14	223	20	152	
3599	Machine shops.....	1,185	122	604	97	190	442	906	1,570	110	977	104	737	

See footnotes at end of table.



## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR INDUSTRY GROUPS AND INDUSTRIES: 1958 AND 1954--Continued

(See text for explanation of column captions and industry code structure)

Ind. code	Industry group and industry	No. of plants with 20 or more empls.	1958 <sup>a</sup>							1954 <sup>a</sup>			
			All employees		Production workers			Value added, adjusted (million dollars)	Value of ship-ments (million dollars)	Capital expendi-tures, new (million dollars)	No. of plants with 20 or more empls.	All employ-ees (1,000)	Value added, adjusted (million dollars)
			Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
36	Electrical machinery.....	3,367	1,016	5,046	721	1,429	3,099	9,362	( <sup>1</sup> )	455	2,837	959	7,300
361	Electrical industrial apparatus.....	1,274	343	1,771	239	471	1,076	3,229	( <sup>1</sup> )	127	1,096	340	2,743
3611	Wiring devices and supplies....	243	53	247	39	78	162	499	884	19	211	43	347
3612	Carbon and graphite products...	35	9	46	7	13	31	103	155	11	31	8	65
3613	Electrical measuring instruments	196	45	241	32	63	143	378	659	19	143	33	246
3614	Motors and generators.....	236	94	490	66	129	303	813	1,399	29	217	112	318
3615	Transformers.....	83	35	187	23	45	109	371	647	11	89	41	394
3616	Electrical control apparatus...	274	79	419	53	105	247	815	1,338	25	246	79	687
3617	Electrical welding apparatus...	70	10	60	6	13	33	112	247	4	62	8	77
3619	Electrical industrial apparatus, n.e.c.....	137	18	81	13	25	48	138	235	9	97	15	109
3621	Electrical appliances.....	167	40	188	30	59	121	424	789	12	139	49	426
3631	Insulated wire and cable.....	89	17	82	13	27	56	322	382	8	73	14	109
3641	Engine electrical equipment....	103	42	206	32	62	143	373	644	10	105	46	337
3651	Electric lamps (bulbs).....	54	22	96	18	36	74	273	421	8	53	22	216
366	Communication equipment.....	1,394	510	2,507	358	711	1,500	4,349	( <sup>1</sup> )	278	1,127	446	3,161
3661	Radios and related products*	1,063	314	1,536	217	435	886	2,658	( <sup>1</sup> )	122	885	294	2,081
3662	Electronic tubes.....	167	92	417	73	141	282	748	1,106	40	117	71	451
3663	Phonograph records.....	61	8	37	6	14	26	108	176	9	34	6	59
3664	Telephone & telegraph equipment	54	84	452	54	106	271	724	1,244	104	55	65	500
3669	Communication equipment, n.e.c.	49	12	65	8	15	35	111	169	3	36	10	71
369	Electrical products, n.e.c....	286	42	196	31	63	129	392	( <sup>1</sup> )	12	244	42	308
3691	Storage batteries.....	106	15	77	12	23	55	150	369	7	101	16	129
3692	Primary batteries.....	29	8	34	6	13	24	75	138	2	33	11	58
3693	X-ray and therapeutic apparatus	36	6	32	3	6	15	62	103	1	35	7	58
3699	Electrical products, n.e.c.....	115	13	53	10	21	35	105	220	2	75	9	63
37	Transportation equipment...	2,377	1,626	9,664	1,177	2,354	6,277	16,397	( <sup>1</sup> )	634	2,317	1,705	13,422
371	Motor vehicles and equipment.	1,163	593	3,346	473	923	2,503	7,083	( <sup>1</sup> )	326	1,023	695	6,203
3713	Truck and bus bodies.....	184	20	91	16	31	65	145	306	4	171	19	116
3713	Truck trailers.....	93	16	78	12	25	55	131	335	3	78	16	116
3716	Automotive trailers.....	240	21	88	18	35	67	152	320	8	125	11	69
3717	Motor vehicles and parts.....	646	336	3,089	427	852	2,316	6,655	( <sup>1</sup> )	309	649	649	5,901
372	Aircraft and parts.....	782	839	5,273	543	1,118	2,968	7,907	( <sup>1</sup> )	235	745	822	6,084
3721	Aircraft*.....	127	488	3,335	314	643	1,732	4,867	8,652	129	69	457	3,369
3722	Aircraft engines.....	171	149	929	87	180	468	1,379	3,344	51	183	167	1,302
3723	Aircraft propellers.....	11	16	87	10	20	50	114	239	5	13	17	99
3729	Aircraft equipment, n.e.c.*.....	473	186	1,122	132	275	718	1,547	2,715	50	480	181	1,314
373	Ships and boats.....	503	145	777	123	241	622	1,027	( <sup>1</sup> )	55	434	126	757
3731	Ship building and repairing....	225	119	668	101	197	536	859	1,576	39	245	109	671
3732	Boat building and repairing....	278	26	109	22	44	86	168	343	16	189	17	86
374	Railroad equipment.....	59	39	222	29	54	150	306	980	14	63	52	328
3741	Locomotives and parts.....	14	15	90	11	21	58	153	408	5	23	20	164
3742	Railroad and street cars.....	45	24	132	18	33	92	153	572	9	40	31	164
3751	Motorcycles and bicycles.....	28	7	32	6	12	24	51	119	2	29	7	40
3799	Transportation equipment, n.e.c.	42	3	14	3	6	10	25	58	2	23	2	10
38	Instruments and related products.....	1,124	290	1,559	196	390	892	2,932	( <sup>1</sup> )	122	985	273	2,132
3811	Scientific instruments.....	170	59	355	36	74	189	537	875	23	131	45	340
3821	Mechanical measuring instruments	262	74	377	49	97	220	775	1,194	24	223	69	543
3831	Optical instruments and lenses.	58	7	38	5	11	24	65	109	4	61	9	57
384	Medical instruments and supplies.....	279	42	197	29	59	115	425	( <sup>1</sup> )	14	232	38	290
3841	Surgical and medical instruments	67	9	39	7	15	27	76	115	2	30	7	45
3842	Surgical appliances and supplies	153	25	121	17	33	66	276	508	10	133	24	194
3843	Dental equipment and supplies..	57	8	37	5	11	22	73	122	2	49	7	53
3851	Ophthalmic goods.....	106	19	74	16	31	56	140	201	5	101	18	107
3861	Photographic equipment.....	159	62	377	40	77	207	818	1,242	47	150	63	593
387	Watches and clocks.....	90	27	121	21	41	81	174	( <sup>1</sup> )	5	87	30	201
3871	Watches and clocks.....	66	24	108	19	37	72	156	328	5	59	26	182
3872	Watchcases.....	24	3	13	2	4	9	18	34	0	28	4	19

See footnotes at end of table.

## 1458 CENSUS OF MANUFACTURES

...Represents zero.

## 1958 CENSUS OF MANUFACTURES

## APPENDIX

## NUMBER OF MANUFACTURING PLANTS BY EMPLOYMENT SIZE FOR MAJOR INDUSTRY GROUPS: 1958 AND 1954

Code no.	Major industry group	1958			1954		
		Total number of plants	Number of plants with--		Total number of plants	Number of plants with--	
			1-19 employees	20 or more employees		1-19 employees	20 or more employees
	Operating manufacturing establishments <sup>1</sup> .....	298,077	202,616	95,461	286,817	196,544	90,473
20	Food and kindred products.....	40,001	25,741	14,260	42,374	28,725	13,649
21	Tobacco manufactures.....	506	224	282	627	356	291
22	Textile mill products.....	7,786	3,080	4,706	8,070	3,208	4,862
23	Apparel and related products.....	29,558	16,304	13,054	31,572	18,092	13,280
24	Lumber and wood products.....	37,522	31,623	5,899	41,434	35,097	6,337
25	Furniture and fixtures.....	10,563	7,271	3,292	10,273	7,261	3,012
26	Pulp, paper and products.....	5,312	2,046	3,266	5,004	1,827	3,177
27	Printing and publishing.....	35,350	28,528	6,822	32,551	26,476	6,055
28	Chemicals and products.....	12,410	8,151	4,259	11,075	7,115	3,960
29	Petroleum and coal products.....	1,652	969	665	1,262	670	592
30	Rubber products.....	1,325	635	690	1,406	753	653
31	Leather and leather products.....	4,421	2,219	2,202	4,845	2,578	2,267
32	Stone, clay, and glass products.....	15,226	10,716	4,510	11,162	7,329	3,553
33	Primary metal products.....	6,225	2,939	3,284	5,957	2,679	3,278
34	Fabricated metal products.....	24,860	16,480	8,380	22,516	15,168	7,348
35	Machinery, except electrical <sup>1</sup> .....	31,180	23,142	8,038	25,601	18,079	7,522
36	Electrical machinery.....	7,066	3,699	3,367	5,758	2,921	2,837
37	Transportation equipment.....	6,531	3,754	2,777	5,548	3,031	2,517
38	Instruments and related products.....	5,405	2,279	1,124	3,142	2,157	985
39	Miscellaneous manufactures (including Ordnance).....	17,622	12,816	4,806	17,010	12,542	4,668

<sup>1</sup>The 1958 figures are not comparable with the 1954 figures due to the fact that the 1958 figures include approximately 3,500 establishments classified in Industry 3273, Ready-mix concrete, in 1958 but classified as nonmanufacturing for 1954. Comparability is also affected by a change in the classification structure which placed a large number of machine shop repair establishments in Industry 3599 in 1958 which were classified as non-manufacturing in the 1954 Censuses.

USCOMM-DC

# 1958 Census of Manufactures

## Preliminary General Statistics

December 1959

MC(P)-2

GROUP 20

### GENERAL STATISTICS FOR THE UNITED STATES, BY GEOGRAPHIC DIVISIONS AND STATES: 1958 AND 1954

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. It summarizes the general statistics for each geographic division and State. Included are 1958 figures on number of manufacturing establishments, employment, payrolls, man-hours, and value added by manufacture. Comparable statistics are shown for 1954 (when the last Census of Manufactures was taken).

The figures shown in this report have been subjected only to a preliminary review; such totals, therefore, must be regarded as tentative approximations of the final Census figures. The money figures shown in this publication are as reported; no adjustments have been made for changes in price or wage levels between the two census years.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico. Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. The figures in this

report include the results for establishments located in the continental United States. Alaska and Hawaii were not States until 1959 and will be covered in separate reports at a later date. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for States and Divisions.

#### 1958 CENSUS OF MANUFACTURES PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary summary reports for States, Series MC(P)-2; Standard Metropolitan Statistical Areas, Series MC(P)-3; and Counties, Series MC(P)-4, will be released shortly with final State reports scheduled for publication in the summer of 1960. (Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.)



U. S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director



## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR THE UNITED STATES, BY GEOGRAPHIC DIVISIONS AND STATES: 1958 AND 1954

(For explanation of column captions see General Explanations)

Division and State	1958								
	Establishments, number <sup>1</sup>		All employees <sup>2</sup>		Production workers			Value added by manufacture	
	Total	With 20 or more employees	Number (1,000)	Payrolls (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	Unadjusted (million dollars)	Adjusted (million dollars)
UNITED STATES, TOTAL.....	298,077	95,461	16,015	77,809	11,721	23,026	49,690	140,113	142,093
New England.....	24,661	8,535	1,403	6,250	1,057	2,075	4,110	10,285	10,352
Maine.....	2,747	582	101	378	87	170	287	650	653
New Hampshire.....	1,456	500	81	305	66	130	223	504	509
Vermont.....	1,017	280	33	134	26	52	95	191	191
Massachusetts.....	11,419	4,374	676	3,024	500	982	1,932	5,000	5,046
Rhode Island.....	2,746	913	116	455	92	177	316	758	759
Connecticut.....	5,276	1,886	396	1,936	286	564	1,259	3,182	3,148
Middle Atlantic.....	81,485	27,895	4,110	20,227	2,959	5,817	12,368	35,155	35,077
New York.....	48,543	15,115	1,903	9,398	1,319	2,761	5,456	16,092	16,062
New Jersey.....	13,946	5,005	795	4,047	568	1,104	2,520	7,353	7,354
Pennsylvania.....	18,996	7,773	1,412	6,782	1,052	1,952	4,392	11,510	11,461
East North Central.....	60,748	20,894	4,247	22,800	3,035	5,925	14,560	39,810	41,073
Ohio.....	14,957	5,944	1,195	6,448	860	1,660	4,182	11,162	11,441
Indiana.....	6,592	2,438	592	2,868	408	798	1,915	5,321	5,440
Illinois.....	18,159	6,596	1,184	6,161	837	1,620	3,831	10,759	11,352
Michigan.....	15,238	3,991	878	5,127	610	1,208	3,189	8,628	8,683
Wisconsin.....	7,802	2,325	438	2,196	320	639	1,443	3,940	3,977
West North Central.....	20,176	5,848	964	4,596	687	1,354	2,912	8,456	8,744
Minnesota.....	5,331	1,428	219	1,084	148	300	650	1,990	2,035
Iowa.....	3,585	954	167	815	121	242	539	1,590	1,678
Missouri.....	6,448	2,214	381	1,755	273	518	1,088	3,040	3,157
North Dakota.....	413	80	6	26	5	9	17	61	61
South Dakota.....	577	114	13	56	10	21	38	108	113
Nebraska.....	1,540	413	59	264	45	88	175	509	536
Kansas.....	2,282	645	119	596	87	176	405	1,158	1,162
South Atlantic.....	33,055	10,591	1,901	7,357	1,505	2,917	5,008	14,362	14,473
Delaware.....	552	222	59	350	30	58	126	421	419
Maryland.....	3,456	1,337	262	1,264	193	376	820	2,437	2,451
District of Columbia.....	509	146	21	116	11	22	54	203	205
Virginia.....	4,435	1,388	259	991	204	400	689	2,118	2,161
West Virginia.....	1,913	524	119	595	91	176	416	1,206	1,216
North Carolina.....	7,305	2,642	464	1,494	393	745	1,116	3,067	3,095
South Carolina.....	2,888	944	226	732	194	374	564	1,382	1,367
Georgia.....	5,797	1,852	316	1,092	262	502	779	2,090	2,088
Florida.....	6,219	1,556	175	705	127	264	444	1,458	1,471
East South Central.....	13,685	4,416	783	3,074	629	1,221	2,199	6,313	6,360
Kentucky.....	2,865	929	162	719	125	243	492	1,765	1,768
Tennessee.....	4,477	1,552	281	1,077	222	430	744	2,172	2,200
Alabama.....	3,932	1,207	251	922	190	367	681	1,740	1,751
Mississippi.....	2,411	748	109	356	92	181	282	656	641
West South Central.....	18,409	5,302	805	3,665	589	1,169	2,384	7,866	7,888
Arkansas.....	2,589	672	91	299	77	149	227	582	591
Louisiana.....	3,138	944	158	668	104	206	429	1,418	1,435
Oklahoma.....	2,389	576	90	453	60	120	251	729	729
Texas.....	10,293	3,110	486	2,305	548	694	1,477	5,137	5,133
Mountain.....	7,590	1,772	253	1,186	172	345	797	2,378	2,443
Montana.....	921	173	20	95	16	30	70	192	191
Idaho.....	1,065	245	27	128	22	45	97	247	246
Wyoming.....	332	56	6	31	5	9	22	57	64
Colorado.....	2,240	559	77	401	56	114	267	763	785
New Mexico.....	667	154	20	106	12	24	53	218	221
Arizona.....	1,166	261	41	216	30	62	148	425	438
Utah.....	994	297	37	184	27	53	121	408	430
Nevada.....	207	45	5	27	4	8	19	68	68
Pacific.....	38,268	10,210	1,569	8,674	1,108	2,203	5,352	15,488	15,685
Washington.....	5,087	1,171	217	1,184	158	304	764	2,177	2,168
Oregon.....	5,012	1,158	155	652	111	217	530	1,809	1,816
California.....	28,169	7,881	1,237	6,838	839	1,682	4,088	12,102	12,299

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>The 1958 Census of Manufactures figures include establishments primarily engaged in manufacturing ready-mix concrete and machine shops engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics except for those on number of establishments.

## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR THE UNITED STATES, BY GEOGRAPHIC DIVISIONS AND STATES: 1958

For explanation of column captions see General Explanation

Division and State	1954						
	Establishments number <sup>1</sup>		All employees <sup>2</sup>		Production <sup>3</sup>		
	Total	With 20 or more employees	Number (1,000)	Payrolls (million dollars)	Number (1,000)	Man-hours (millions)	Value added, million dollars
UNITED STATES, TOTAL.....	236,117	90,453	16,126	65,977	1,177	74,341	47,941
New England.....	24,629	2,125	1,450	5,461	1,154	4,276	2,474
Maine.....	1,115	620	105	325	91	151	86
New Hampshire.....	1,609	271	77	247	66	120	77
Vermont.....	1,371	236	76	124	5	59	37
Massachusetts.....	11,235	4,222	687	2,562	276	1,047	575
Rhode Island.....	2,635	267	125	43	174	375	215
Connecticut.....	5,994	1,065	42	1,751	327	69	4,281
Middle Atlantic.....	22,374	27,550	4,291	17,773	7,710	11,549	6,474
New York.....	20,402	13,170	2,908	8,473	1,473	4,781	2,474
New Jersey.....	13,121	4,748	611	3,409	605	1,270	710
Pennsylvania.....	15,795	7,652	1,773	5,911	1,177	2,117	1,294
East North Central.....	56,346	20,506	4,605	21,326	1,404	6,464	3,474
Ohio.....	24,555	5,494	1,296	5,042	266	1,241	674
Indiana.....	6,555	2,746	568	2,532	452	342	1,774
Illinois.....	17,628	6,376	1,225	5,430	344	1,769	5,328
Michigan.....	12,711	4,003	1,057	3,252	309	1,655	1,661
Wisconsin.....	7,702	2,295	439	1,669	322	1,269	1,284
West North Central.....	19,020	5,402	964	3,863	717	1,426	2,573
Minnesota.....	5,327	1,317	209	865	151	345	560
Iowa.....	3,200	331	164	649	127	24	272
Missouri.....	6,190	2,173	582	1,500	285	552	377
North Dakota.....	167	65	6	19	4	13	25
South Dakota.....	246	92	12	41	3	18	28
Nebraska.....	1,423	378	60	228	43	90	131
Kansas.....	2,313	571	131	560	93	203	204
South Atlantic.....	30,530	9,428	1,779	5,703	1,466	4,344	4,372
Delaware.....	556	209	55	267	71	63	135
Maryland.....	3,253	1,378	255	1,002	196	74	268
District of Columbia.....	464	149	22	97	12	22	48
Virginia.....	4,398	1,290	243	777	203	325	1,629
West Virginia.....	2,027	518	122	495	27	186	90
North Carolina.....	6,645	2,271	435	1,106	100	714	374
South Carolina.....	2,720	655	221	635	140	179	1,041
Georgia.....	5,655	1,713	303	55	260	64	1,782
Florida.....	4,732	1,066	124	279	77	190	79
East South Central.....	12,454	4,041	730	2,367	611	1,127	2,774
Kentucky.....	2,651	55	121	55	113	34	74
Tennessee.....	4,138	1,367	267	333	214	41	212
Alabama.....	3,691	1,157	220	890	146	15	174
Mississippi.....	2,222	660	91	241	1	157	100
West South Central.....	16,462	4,604	734	2,794	556	1,117	1,711
Arkansas.....	2,422	562	79	212	67	124	177
Louisiana.....	3,700	90	146	539	114	25	1,111
Oklahoma.....	2,131	544	89	364	61	17	82
Texas.....	8,209	2,612	419	1,669	714	640	1,100
Mountain.....	6,605	1,467	191	767	144	77	1,000
Montana.....	66	172	17	72	11	1	14
Idaho.....	201	144	31	31	1	1	22
Wyoming.....	20	49	6	27	5	1	20
Colorado.....	2,009	696	65	251	42	6	1,111
New Mexico.....	223	101	39	61	7	1	22
Arizona.....	217	177	111	111	1	1	111
Utah.....	17	17	1	1	1	1	1
Nevada.....	17	17	1	1	1	1	1
Pacific.....	53,770	1,971	1,232	6,224	1,404	1,171	1,171
Washington.....	4,929	1,154	194	555	14	1	1,154
Oregon.....	5,671	1,139	15	267	14	1	1,139
California.....	4,509	6,647	1,053	4,000	172	1,171	1,171

<sup>2</sup>In addition to the employment and payroll reported for operating manufacturing establishments the employment and payroll figures for central administrative offices or auxiliary units which serve the manufacturing establishments, if a separate report, for power plants, research laboratories, garages, and repair shops, rather than the general public. Separate reports of central offices and auxiliaries were obtained if at a different general location from the establishment served or if they service more than one manufacturing establishment. A distribution of these administrative office and auxiliary employment and payroll figures by State will be shown separately in the final census reports.

## 1958 CENSUS OF MANUFACTURES

EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation and if the separate activities are substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all nonproduction personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll periods ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Production workers, number.--This number includes all workers (up to the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivery), maintenance, repair, janitorial, and watchman services, product development,

auxiliary production for plant's own use (e.g., power plant), record keeping, and other services closely associated with these production operations; it excludes supervisory employees above the working foreman level, force-account construction workers, and all other nonproduction personnel of manufacturing establishments.

Production workers, man-hours.--This total includes all "plant man-hours" of production and related workers. It consists of all man-hours worked or paid for in 1958, except hours paid for vacations, holidays, or sick leave, when the employee was not at the plant. The figure includes actual overtime hours, not straight-time equivalent hours.

Production workers, wages.--This item consists of that portion of the payroll (as defined above) paid to production workers of manufacturing establishments.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts, and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is shown in this report also includes the net change in finished goods and work-in-process inventory and the value added in merchandising activities of manufacturing establishments. That is, the difference between the value and cost of merchandise sold without further manufacturing is included in value added. Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

MC/P1-3  
(Preliminary)



GENERAL STATISTICS  
FOR COUNTIES

GROUP 20

# 1958 Census of Manufactures



**U.S. DEPARTMENT OF COMMERCE**  
Frederick H. Mueller, Secretary

**BUREAU OF THE CENSUS**  
Robert W. Burgess, Director

# BUREAU OF THE CENSUS

ROBERT W. BURGESS, Director

A. ROSS ECKLER, Deputy Director

HOWARD C. GRIEVES, Assistant Director

CONRAD TAEUBER, Assistant Director

MORRIS H. HANSEN, Assistant Director for Statistical Standards

LOWELL T. GALT, Assistant Director for Operations

WALTER L. KEHRES, Assistant Director for Administration

CALVERT L. DEDRICK, Chief, International Statistical Programs Office

A. W. VON STRUVE, Acting Public Information Officer

## Industry Division

MAXWELL R. CONKLIN, Chief

OWEN C. GRETTON, Assistant Chief

The statistics in this report will be superseded by data which will appear in the 1958 Census of Manufactures final Area reports which, in turn, will be included in Volume III, Area Statistics.

## SUGGESTED IDENTIFICATION

U. S. Bureau of the Census. Census of Manufactures: 1958

*General Statistics for Counties*

Washington 25, D. C., 1960

For sale by the Bureau of the Census, Washington 25, D. C., or any of the Field Offices of the Department of Commerce. . . Price, 50 cents



# CONTENTS

	Page
Introduction.....	1
TABLE	
STATE	
1 Alabama .....	3
2 Arizona.....	4
3 Arkansas.....	5
4 California.....	6
5 Colorado.....	7
6 Connecticut.....	8
7 Delaware.....	9
8 District of Columbia.....	9
9 Florida.....	10
10 Georgia.....	11
11 Idaho.....	13
12 Illinois.....	14
13 Indiana.....	16
14 Iowa.....	17
15 Kansas.....	19
16 Kentucky.....	20
17 Louisiana.....	21
18 Maine.....	22
19 Maryland.....	23
20 Massachusetts.....	24
21 Michigan.....	25
22 Minnesota.....	27
23 Mississippi.....	28
24 Missouri.....	29
25 Montana.....	30
26 Nebraska.....	31
27 Nevada.....	32
28 New Hampshire.....	32
29 New Jersey.....	33
30 New Mexico.....	34
31 New York.....	34
32 North Carolina.....	36
33 North Dakota.....	37
34 Ohio.....	38
35 Oklahoma.....	40
36 Oregon.....	41
37 Pennsylvania.....	42
38 Rhode Island.....	44
39 South Carolina.....	45
40 South Dakota.....	46
41 Tennessee.....	47
42 Texas.....	48
43 Utah.....	50
44 Vermont.....	50
45 Virginia.....	51
46 Washington.....	53
47 West Virginia.....	54
48 Wisconsin.....	55
49 Wyoming.....	56



# GENERAL STATISTICS FOR COUNTIES

This report presents a summary of some of the statistics previously published in the individual State reports. These figures are the results of preliminary tabulations from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are presented for each State, its standard metropolitan statistical areas, and selected counties. Comparable statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico. Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

## PUBLICATION PROGRAM

Preliminary reports for States, including standard metropolitan statistical areas and counties, have been issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the fall of 1960. The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. Most of these industry reports were released in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

## EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded



from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number. -- This item includes all production and related workers, force-account construction workers, and all nonproduction personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll. -- This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture. -- The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new. -- This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures

and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

Administrative and auxiliary units. -- In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State and standard metropolitan statistical areas but are excluded from the county figures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

## 1958 CENSUS OF MANUFACTURES

ALABAMA - GENERAL TRANSPORTATION - ALABAMA, BY STANDARD METROPOLITAN STATISTICAL AREA

Text for Alabama, by Standard Metropolitan Statistical Area

Standard Metropolitan Statistical Area	Establishments, number		All employees		Production		Value added	Total	Value added
	Total	With 25 or more employees	Number	Payroll (\$1,000)	Manufacturing (\$1,000)	Non-manufacturing (\$1,000)			
ALABAMA, TOTAL	1,323	1,244	269,997	419,107	2,741,674	1,700,000	41,100	1,323	1,323
STANDARD METROPOLITAN STATISTICAL AREAS									
Birmingham <sup>1</sup>	662	295	63,627	107,000	679,000	477,000	1,156	662	662
Columbus, total <sup>2</sup>	177	72	17,286	21,282	28,000	18,000	1,100	177	177
Portion in Alabama	44	11	7,757	9,752	2,000	1,000	1,100	44	44
Portion in Georgia	133	61	16,499	49,000	113,000	17,000	1,100	133	133
Gadsden <sup>4</sup>	29	28	11,743	58,757	143,700	137,000	1,100	29	29
Mobile <sup>5</sup>	232	1	17,391	32,343	184,600	1,000,000	1,100	232	232
Montgomery <sup>6</sup>	168	67	6,548	21,448	39,920	40,000	1,100	168	168
COUNTIES <sup>7</sup>									
Autauga	23	6	1,069	3,226	4,120	9,000	1,100	23	23
Baldwin	46	13	1,672	4,938	9,840	3,840	1,100	46	46
Barbour	84	11	1,180	2,312	3,640	1,000	1,100	84	84
Bibb	25	6	1,194	2,631	3,470	1,000	1,100	25	25
Bullock	21	2	256	417	810	700	1,100	21	21
Butler	56	7	1,680	1,853	5,709	1,000	1,100	56	56
Calhoun	101	40	10,607	37,314	79,381	11,907	1,100	101	101
Chilton	40	9	711	1,517	2,347	3,057	94	40	40
Choctaw	49	10	706	1,237	1,820	1,767	22	49	49
Clarke	74	13	2,031	5,614	11,700	1,290	30	74	74
Clay	27	3	597	1,577	1,820	1,864	60	27	27
Cleburne	27	6	462	984	3,024	2,997	494	27	27
Coffee	39	12	2,107	6,061	10,184	9,720	1,100	39	39
Colbert	54	24	7,040	38,563	79,897	30,469	1,100	54	54
Concehuh	21	8	674	1,548	3,310	3,887	4	21	21
Coosa	53	5	483	1,037	1,000	1,000	1,100	53	53
Covington	61	14	4,774	17,058	16,771	16,750	700	61	61
Crenshaw	31	6	512	941	1,290	1,289	40	31	31
Cullman	48	12	1,245	3,011	4,971	4,000	1,100	48	48
Dale	41	8	1,824	6,245	8,764	4,000	1,100	41	41
Dallas	68	26	2,642	7,430	15,669	1,000	1,100	68	68
De Kalb	54	15	1,780	4,160	7,766	1,838	300	54	54
Elmore	27	6	634	1,421	4,441	4,034	100	27	27
Escambia	59	17	2,403	7,392	11,702	11,853	4,143	59	59
Etowah	89	28	11,743	58,755	133,730	134,531	6,690	89	89
Fayette	31	6	1,026	2,482	4,299	4,764	372	31	31
Franklin	27	8	549	1,494	2,440	2,459	21	27	27
Geneva	30	6	1,422	3,108	7,142	6,812	110	30	30
Greene	11	4	289	520	941	970	48	11	11
Hale	26	4	472	1,018	2,081	2,088	33	26	26
Henry	41	5	799	1,772	3,713	3,791	160	41	41
Houston	81	28	3,385	10,451	18,960	18,641	700	81	81
Jackson	47	11	1,869	4,422	7,158	7,000	1,100	47	47
Jefferson	662	293	60,603	313,012	979,070	1,000,000	1,100	662	662
Lamar	42	4	1,637	3,610	5,071	1,396	100	42	42
Lauderdale	44	15	1,806	6,668	12,114	12,001	1,100	44	44
Lee	58	16	3,751	11,105	20,713	19,627	1,100	58	58
Limestone	15	5	621	1,340	2,130	1,902	100	15	15
Madison	68	20	5,950	28,159	41,772	41,740	1,100	68	68
Marengo	43	14	1,728	3,541	11,723	11,700	1,100	43	43
Marion	36	10	1,669	3,912	14,151	13,744	1,100	36	36
Marshall	52	15	2,911	7,357	12,344	11,119	2,000	52	52
Mobile	232	81	17,367	82,219	184,600	186,000	11,000	232	232
Monroe	36	12	1,904	4,937	7,219	7,201	1,100	36	36
Montgomery	168	67	6,548	21,448	39,920	41,000	1,100	168	168
Morgan	67	30	4,628	20,474	53,310	55,100	1,100	67	67
Perry	18	2	280	594	1,632	1,601	100	18	18
Pickens	29	11	1,564	4,198	11,100	11,000	1,100	29	29
Pike	55	9	999	2,170	3,359	3,700	1,100	55	55
Randolph	37	8	1,365	4,280	4,000	4,000	1,100	37	37
Russell	44	11	767	1,732	2,978	2,900	1,100	44	44
St. Clair	37	8	1,101	3,762	8,413	1,000	1,100	37	37
Shelby	62	12	1,593	4,057	11,293	11,400	1,100	62	62
Sumter	22	3	646	1,400	2,578	2,000	1,100	22	22

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 1.--GENERAL STATISTICS FOR ALABAMA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	Value added by manufacture, unadjusted
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
ALABAMA--Continued								
COUNTIES <sup>7</sup> --Continued								
Talladega.....	77	30	7,203	23,900	50,695	50,479	4,312	8,392
Tallapoosa.....	69	24	7,177	20,648	33,477	33,966	822	6,915
Tuscaloosa.....	119	48	7,877	34,720	87,342	88,053	5,345	8,148
Walker.....	60	18	2,025	5,297	8,736	9,270	1,360	1,881
Washington.....	37	10	905	2,761	11,972	12,043	2,026	744
Wilcox.....	41	8	550	1,895	1,895	1,760	189	611
Winston.....	37	7	1,010	2,270	3,844	3,863	231	947

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Birmingham Standard Metropolitan Statistical Area consists of Jefferson County, Alabama.

<sup>3</sup>The Columbus Standard Metropolitan Statistical Area consists of Chattahoochee and Muscogee Counties, Georgia and Russell County, Alabama.

<sup>4</sup>The Gadsden Standard Metropolitan Statistical Area consists of Etowah County, Alabama.

<sup>5</sup>The Mobile Standard Metropolitan Statistical Area consists of Mobile County, Alabama.

<sup>6</sup>The Montgomery Standard Metropolitan Statistical Area consists of Montgomery County, Alabama.

<sup>7</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 2.--GENERAL STATISTICS FOR ARIZONA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	Value added by manufacture, unadjusted
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
ARIZONA, TOTAL.....	1,161	259	40,756	215,922	359,742	374,379	26,718	26,269
STANDARD METROPOLITAN STATISTICAL AREAS								
Phoenix <sup>2</sup> .....	703	172	25,961	142,598	220,552	227,290	13,368	15,772
Tucson <sup>3</sup> .....	202	37	8,140	44,588	84,097	91,522	2,123	4,548
COUNTIES <sup>4</sup>								
Cocconino.....	32	10	1,039	4,414	5,556	5,421	763	711
Gila.....	23	6	1,010	5,199	11,197	11,261	(D)	939
Maricopa.....	703	172	25,762	141,353	220,552	227,290	13,368	15,717
Navajo.....	38	5	599	2,282	3,778	3,701	327	557
Pima.....	202	37	8,140	44,588	84,097	91,522	2,123	4,548
Pinal.....	28	5	442	1,653	3,338	3,838	311	407
Yavapai.....	25	5	559	1,853	2,816	2,812	441	299
Yuma.....	26	5	337	1,314	3,352	3,554	223	354

D Withheld to avoid disclosing figures for individual companies.

<sup>2</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the Standard Metropolitan Statistical Areas but are excluded from the county totals. For a definition of these units see text.

<sup>3</sup>The Phoenix Standard Metropolitan Statistical Area consists of Maricopa County, Arizona.

<sup>4</sup>The Tucson Standard Metropolitan Statistical Area consists of Pima County, Arizona.

<sup>5</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 3.—GENERAL STATISTICS FOR ARKANSAS, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	
ARKANSAS, TOTAL.....	2,583	669	88,266	239,298	575,970	583,860	47,981
STANDARD METROPOLITAN STATISTICAL AREAS							
Fort Smith <sup>2</sup> .....	156	71	8,074	28,586	52,623	53,582	3,122
Little Rock-North Little Rock <sup>3</sup> .....	279	115	13,516	47,833	100,480	102,626	4,735
COUNTIES <sup>4</sup>							
Arkansas.....	32	7	809	2,697	6,212	6,618	376
Ashley.....	46	11	2,733	11,191	24,752	24,950	7,296
Benton.....	68	24	1,988	5,964	10,440	11,020	1,921
Boone.....	31	9	970	2,261	3,056	2,930	340
Bradley.....	35	7	1,729	5,038	6,971	6,872	454
Chicot.....	16	4	282	652	1,094	1,064	50
Clark.....	59	9	1,707	6,410	13,821	14,175	2,283
Clay.....	22	2	448	1,049	2,108	2,088	115
Columbia.....	61	13	1,410	3,996	6,728	7,009	634
Conway.....	20	6	917	2,305	3,596	3,710	75
Craighead.....	52	17	2,206	7,276	15,790	16,664	649
Crawford.....	24	9	868	2,074	3,582	3,705	224
Crittenden.....	27	10	629	1,861	3,286	3,350	443
Dallas.....	46	7	1,032	2,665	3,769	3,661	390
DeWitt.....	28	8	934	2,234	5,035	5,023	183
Faulkner.....	29	11	1,224	3,558	7,465	7,579	224
Garland.....	13	3	1,495	4,498	8,557	8,511	529
Grant.....	47	8	832	2,177	2,587	2,889	365
Greene.....	30	7	1,336	3,386	7,689	7,985	464
Hempstead.....	35	10	1,181	2,922	5,035	5,151	271
Hot Spring.....	52	15	2,400	10,976	25,881	25,816	312
Howard.....	24	7	1,138	3,676	8,756	8,598	1,065
Independence.....	43	6	1,171	2,934	5,465	5,487	530
Jackson.....	18	4	432	1,506	3,369	3,518	172
Jefferson.....	82	27	3,936	15,744	29,281	29,143	2,017
Johnson.....	37	5	550	1,370	2,153	2,640	707
Lafayette.....	16	4	346	837	1,946	2,410	287
Lawrence.....	29	4	573	1,243	1,801	2,053	144
Logan.....	21	5	380	820	2,550	2,410	40
Miller.....	34	5	307	986	1,762	1,982	138
Mississippi.....	51	19	1,898	5,246	10,117	10,317	826
Monroe.....	16	3	477	1,091	2,575	2,585	44
Montgomery.....	13	3	264	453	637	703	83
Nevada.....	26	3	322	972	1,728	1,781	342
Osage.....	80	19	3,194	12,873	27,406	27,597	1,062
Phillips.....	32	12	2,284	6,836	13,471	14,317	956
Pike.....	30	3	345	883	1,135	1,232	85
Polk.....	32	11	1,118	1,998	2,886	2,830	185
Pope.....	48	9	1,280	3,274	6,284	6,711	347
Pulaski.....	279	115	13,494	47,757	100,480	102,626	4,736
Randolph.....	21	4	632	1,329	2,906	2,863	89
St. Francis.....	22	8	743	2,178	5,049	4,432	103
Saline.....	40	9	3,040	13,592	33,045	33,389	629
Scott.....	18	5	387	1,079	1,351	1,390	136
Sebastian.....	156	71	8,063	28,471	52,623	53,582	2,121
Union.....	90	25	3,698	17,462	41,294	42,748	9,530
Washington.....	74	27	3,076	8,213	16,191	15,726	2,844
White.....	48	5	996	2,513	5,617	5,646	188
Yell.....	20	8	577	1,389	2,991	2,644	327

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Fort Smith Standard Metropolitan Statistical Area consists of Sebastian County, Arkansas.

<sup>3</sup>The Little Rock-North Little Rock Standard Metropolitan Statistical Area consists of Pulaski County, Arkansas.

<sup>4</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.



## 1958 CENSUS OF MANUFACTURES

Table 4.--GENERAL STATISTICS FOR CALIFORNIA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number <sup>2</sup>	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
CALIFORNIA, TOTAL.....	28,390	7,888	1,215,084	6,846,825	11,912,924	12,025,396	738,440	1,052,785	8,597,453
STANDARD METROPOLITAN STATISTICAL AREAS									
Bakersfield <sup>2</sup> .....	215	50	5,529	30,788	59,294	60,277	7,047	(NA)	33,726
Fresno <sup>2</sup> .....	436	119	12,743	56,202	131,908	142,467	11,355	12,786	117,186
Los Angeles-Long Beach <sup>2</sup> .....	16,921	4,786	728,104	4,130,667	6,987,765	7,021,958	317,790	647,084	5,041,546
Sacramento <sup>2</sup> .....	334	98	20,655	126,071	243,656	245,574	12,941	10,920	112,203
San Bernardino-Riverside-Ontario <sup>2</sup> .....	774	164	29,287	157,255	315,793	321,591	98,211	24,342	205,195
San Diego <sup>2</sup> .....	756	160	71,394	447,883	579,875	613,610	25,944	48,137	390,218
San Francisco-Oakland <sup>2</sup> .....	4,439	1,318	190,869	1,079,636	2,033,424	2,045,178	153,381	186,206	1,673,825
San Jose <sup>2</sup> .....	768	251	53,043	337,036	610,114	622,852	36,996	28,434	263,587
Santa Barbara <sup>2</sup> .....	170	35	4,204	20,671	37,769	36,785	1,809	(NA)	12,822
Stockton <sup>11</sup> .....	302	98	12,747	61,524	140,102	148,620	10,878	11,145	109,352
COUNTIES <sup>1,2</sup>									
Alameda.....	1,554	544	68,701	366,532	788,730	800,262	37,824	68,501	656,993
Amador.....	34	10	736	3,694	7,049	7,054	1,118	540	4,149
Butte.....	118	25	3,116	12,348	22,917	21,208	2,041	3,083	23,023
Calaveras.....	28	6	1,177	6,163	12,807	12,909	716	995	10,223
Contra Costa.....	293	96	26,320	158,024	415,267	397,820	75,748	28,014	350,049
Del Norte.....	85	21	2,384	12,643	24,485	27,083	1,299	2,380	20,701
El Dorado.....	69	15	1,383	6,344	12,138	10,914	580	1,361	9,276
Fresno.....	436	119	12,664	55,665	131,908	142,467	11,355	12,747	117,186
Glenn.....	27	5	452	2,082	3,835	3,179	98	467	4,412
Humboldt.....	460	108	12,070	60,547	99,313	95,268	8,177	12,733	107,099
Imperial.....	56	13	1,004	4,943	14,814	14,949	1,047	1,362	16,339
Kern.....	215	50	5,505	27,684	59,294	60,277	7,047	3,181	33,726
Kings.....	50	15	1,220	5,699	13,334	13,426	1,348	740	7,813
Lassen.....	24	7	747	3,693	6,994	6,359	229	1,738	11,650
Los Angeles.....	16,094	4,568	684,313	3,858,503	6,669,905	6,698,240	292,841	624,047	4,925,646
Madera.....	44	11	886	4,117	7,994	7,623	708	790	7,296
Marin.....	119	20	1,724	9,447	16,838	16,852	1,135	1,154	10,266
Mendocino.....	258	52	5,200	25,212	42,069	43,388	3,739	6,437	49,902
Merced.....	80	27	1,860	7,057	18,334	17,684	827	1,619	16,270
Modoc.....	17	6	469	2,230	2,732	1,794	199	377	2,380
Monterey.....	157	46	4,245	18,566	43,088	44,686	3,457	3,122	20,618
Napa.....	72	21	2,394	10,955	20,520	22,656	1,885	1,771	12,120
Nevada.....	53	10	656	3,044	4,832	4,563	560	622	4,061
Orange.....	827	218	31,278	172,020	317,855	323,718	24,949	15,755	115,900
Placer.....	45	8	1,304	6,256	12,168	12,499	701	1,265	9,911
Plumas.....	36	11	1,238	5,753	13,093	12,343	531	1,496	12,895
Riverside.....	275	56	11,860	61,723	97,340	100,066	12,188	8,517	68,661
Sacramento.....	334	98	20,627	125,941	243,656	245,574	12,941	10,907	112,203
San Benito.....	16	6	641	3,361	7,405	7,492	414	544	4,496
San Bernardino.....	499	108	17,376	95,175	218,453	221,525	86,023	15,981	136,534
San Diego.....	756	160	70,893	443,084	579,875	613,610	25,944	47,731	390,218
San Francisco.....	1,847	495	55,249	296,416	544,817	557,596	21,449	56,580	495,815
San Joaquin.....	302	98	12,747	61,524	140,102	148,620	10,878	11,033	109,352
San Luis Obispo.....	63	8	836	3,293	9,186	9,509	1,267	414	2,414
San Mateo.....	556	144	23,997	138,611	246,907	250,239	16,447	17,021	143,261
Santa Barbara.....	170	35	4,069	19,167	37,769	36,785	1,809	1,928	12,822
Santa Clara.....	768	251	51,281	323,661	610,114	622,852	36,996	27,942	263,587
Santa Cruz.....	123	33	3,778	12,195	31,795	31,485	1,265	2,698	18,947
Shasta.....	106	27	3,317	16,484	26,413	25,894	1,635	3,249	25,515
Sierra.....	9	3	317	1,514	3,726	3,744	103	394	3,059
Siskiyou.....	95	25	2,972	11,610	18,999	18,434	1,730	3,766	25,693
Solano.....	70	19	1,916	9,386	20,865	22,409	778	1,865	17,441
Sonoma.....	318	62	5,406	23,089	52,041	50,570	4,664	4,702	35,271
Stanislaus.....	210	69	9,495	37,630	81,691	83,080	7,865	6,536	63,528
Sutter.....	35	9	765	2,764	4,425	4,868	467	616	4,599

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

7

Table 1.--GENERAL STATISTICS FOR CALIFORNIA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>2</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
CALIFORNIA--Continued									
COUNTIES <sup>3,4</sup> --Continued									
Tehama.....	50	18	1,794	9,350	13,985	16,557	4,709	1,322	8,291
Trinity.....	58	12	863	4,086	7,122	7,202	548	701	5,255
Tulare.....	164	42	3,037	12,356	26,118	26,173	1,816	3,017	24,119
Tuolumne.....	27	6	1,214	6,226	5,656	7,412	510	1,060	8,883
Ventura.....	130	39	5,980	33,292	56,702	56,289	3,133	2,700	20,556
Yuba.....	33	10	717	3,427	5,400	5,753	464	792	6,052

NA Not available.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.<sup>2</sup>The Bakersfield Standard Metropolitan Statistical Area consists of Kern County, California.<sup>3</sup>The Fresno Standard Metropolitan Statistical Area consists of Fresno County, California.<sup>4</sup>The Los Angeles-Long Beach Standard Metropolitan Statistical Area consists of Los Angeles and Orange Counties, California.<sup>5</sup>The Sacramento Standard Metropolitan Statistical Area consists of Sacramento County, California.<sup>6</sup>The San Bernardino-Riverside-Ontario Standard Metropolitan Statistical Area consists of San Bernardino and Riverside Counties, California.<sup>7</sup>The San Diego Standard Metropolitan Statistical Area consists of San Diego County, California.<sup>8</sup>The San Francisco-Oakland Standard Metropolitan Statistical Area consists of Alameda, Contra Costa, Marin, San Francisco, San Mateo, and Solano Counties, California.<sup>9</sup>The San Jose Standard Metropolitan Statistical Area consists of Santa Clara County, California.<sup>10</sup>The Santa Barbara Standard Metropolitan Statistical Area consists of Santa Barbara County, California.<sup>11</sup>The Stockton Standard Metropolitan Statistical Area consists of San Joaquin County, California.<sup>12</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 2.--GENERAL STATISTICS FOR COLORADO, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>2</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
COLORADO, TOTAL.....	2,237	540	78,157	407,026	761,954	785,337	45,398	64,646	472,433
STANDARD METROPOLITAN STATISTICAL AREAS									
Denver <sup>3</sup> .....	1,289	371	54,166	288,228	550,390	567,361	30,840	43,107	320,461
Pueblo <sup>4</sup> .....	86	26	9,639	60,197	96,374	97,453	6,030	8,675	72,109
COUNTIES <sup>5</sup>									
Adams.....	68	31	4,334	24,640	55,879	55,918	4,786	2,396	33,134
Arapahoe.....	98	28	2,896	13,398	27,310	26,674	1,303	2,566	16,912
Boulder.....	18	17	1,240	4,760	11,566	10,738	708	1,080	6,817
Delta.....	22	3	311	973	1,896	1,763	163	372	1,452
Denver.....	957	281	35,187	172,398	324,241	343,452	17,469	33,458	236,932
El Paso.....	138	32	3,122	13,996	24,461	25,045	1,227	2,717	17,989
Fremont.....	27	3	400	2,226	10,817	10,714	223	463	6,935
Jefferson.....	78	14	8,961	62,025	132,394	130,579	6,574	2,396	26,665
La Plats.....	26	6	340	1,537	2,270	2,381	259	394	1,683
Larimer.....	89	18	1,947	7,961	18,776	18,983	1,284	1,164	10,016
Logan.....	17	4	282	1,218	2,069	2,415	87	322	1,732
Montrose.....	27	5	267	791	1,067	1,207	234	116	507
Morgan.....	15	4	367	1,423	3,886	3,934	244	477	4,061
Otero.....	41	8	1,050	3,627	6,035	5,998	385	691	2,714
Pueblo.....	86	26	9,427	58,866	114,374	114,473	6,030	8,675	72,109
Weld.....	76	19	1,711	7,627	16,779	16,779	334	1,544	8,700

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.<sup>2</sup>The Denver Standard Metropolitan Statistical Area consists of Adams, Arapahoe, Boulder, Denver, and Jefferson Counties, Colorado.<sup>3</sup>The Pueblo Standard Metropolitan Statistical Area consists of Pueblo County, Colorado.<sup>4</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 6.--GENERAL STATISTICS FOR CONNECTICUT, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954  
(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
CONNECTICUT, TOTAL.....	5,261	1,882	394,646	1,962,593	3,219,770	3,185,015	198,586	420,034	2,877,486
STANDARD METROPOLITAN STATISTICAL AREAS									
Bridgeport <sup>2</sup> .....	773	289	64,973	331,066	565,368	567,760	26,749	(8)	(8)
Hartford <sup>3</sup> .....	876	281	87,115	451,742	736,639	714,998	32,883	(8)	(8)
New Britain <sup>4</sup> .....	326	107	31,484	150,264	247,386	241,220	11,461	(8)	(8)
New Haven <sup>5</sup> .....	729	277	42,725	206,349	324,777	332,757	19,082	(8)	(8)
Stamford <sup>6</sup> .....	324	122	18,316	99,730	183,499	174,048	12,453	(8)	(8)
Waterbury <sup>7</sup> .....	412	144	37,235	188,885	297,253	296,922	21,547	43,029	307,565
COUNTIES <sup>9</sup>									
Fairfield.....	1,464	573	100,192	504,100	910,949	904,234	51,318	105,895	817,769
Hartford.....	1,283	407	119,469	596,457	1,024,801	984,625	44,668	130,848	873,906
Litchfield.....	265	92	16,550	73,539	120,517	121,484	24,429	16,962	106,172
Middlesex.....	244	78	9,713	43,478	81,997	84,036	4,004	10,088	68,696
New Haven.....	1,488	524	98,588	480,188	798,458	803,665	51,701	111,938	779,643
New London.....	248	109	23,735	127,188	189,769	192,557	18,483	22,658	146,371
Tolland.....	77	25	2,826	10,978	19,403	20,011	1,014	3,123	19,616
Windham.....	148	68	10,395	39,827	65,412	65,809	2,532	11,778	66,188

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Bridgeport Standard Metropolitan Statistical Area consists of Bridgeport and Shelton Cities and Fairfield, Monroe, Stratford, and Trumbull Towns in Fairfield County; and Milford Town in New Haven County, Connecticut.

<sup>3</sup>The Hartford Standard Metropolitan Statistical Area consists of Hartford City and Avon, Bloomfield, Canton, East Hartford, East Windsor, Enfield, Farmington, Glastonbury, Manchester, Newington, Rocky Hill, Simsbury, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks Towns in Hartford County; Cromwell Town in Middlesex County; and Vernon Town in Tolland County, Connecticut.

<sup>4</sup>The New Britain Standard Metropolitan Statistical Area consists of New Britain City and Berlin, Plainville, and Southington Towns in Hartford County, Connecticut.

<sup>5</sup>The New Haven Standard Metropolitan Statistical Area consists of New Haven City and Branford, East Haven, Guilford, Hamden, North Haven, Orange, West Haven, and Woodbridge Towns in New Haven County, Connecticut.

<sup>6</sup>The Stamford Standard Metropolitan Statistical Area consists of Stamford City and Darien, Greenwich, and New Canaan Towns in Fairfield County, Connecticut.

<sup>7</sup>The Waterbury Standard Metropolitan Statistical Area consists of Waterbury City; Naugatuck Borough; and Beacon Falls, Cheshire, Middlebury, Prospect, and Wolcott Towns in New Haven County; and Thomaston and Watertown Towns in Litchfield County, Connecticut.

<sup>8</sup>The definition of this standard metropolitan statistical area has been revised since 1954. Comparable 1954 data based on the new definition for the area were not available in time for inclusion in this preliminary release but will be included in the final report for the State.

<sup>9</sup>The sum of the county figures will not equal the figures shown for the State because there were 44 small establishments with a total employment of approximately 650 for which the correct county code figure was not available in time for this report. The figures will be corrected for the final State report.

# 1968 TENDERS OF MANUFACTURES

Table 7.--GENERAL STATISTICS FOR DELAWARE, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES

(See text for explanation of column caption)

Standard metropolitan statistical areas and counties	1968							
	Establishments, number		All employees <sup>1</sup>		Value added in manufacturing		Capital expenditures, new	Total employment, full-time
	Total	With 50 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
DELAWARE, TOTAL.....	153	222	18,336	249,832	127,100	142,700	17,100	10,000
STANDARD METROPOLITAN STATISTICAL AREAS								
Wilmington <sup>2</sup> .....	368	113	16,666	272,543	155,100	170,000	20,000	12,000
Portion in Delaware.....	306	131	16,144	264,307	150,800	165,000	18,000	11,000
Portion in New Jersey.....	62	22	10,481	67,736	144,300	145,000	2,000	1,000
COUNTIES <sup>3</sup>								
Kent.....	73	31	4,376	14,439	25,430	25,000	3,000	2,000
New Castle.....	106	131	28,823	148,638	31,800	30,000	10,000	5,000
Sussex.....	164	60	7,362	29,630	69,690	64,000	5,000	3,000

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see page 1.

<sup>2</sup>The Wilmington Standard Metropolitan Statistical Area consists of New Castle County, Delaware; and Salem County, New Jersey.

<sup>3</sup>The sum of the county figures will not equal the figures shown for the State because there were 10 small establishments with total employment of approximately 65 for which the correct county code was not available in time for this report. The county figures will be corrected for the final State reports.

GROUP 20

Table 8.--GENERAL STATISTICS FOR DISTRICT OF COLUMBIA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES

(See text for explanation of column caption)

Standard metropolitan statistical areas and counties	1968							
	Establishments, number		All employees		Value added in manufacturing		Capital expenditures, new	Total employment, full-time
	Total	With 50 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
DISTRICT OF COLUMBIA, TOTAL.....	508	145	21,242	113,500	100,100	107,600	14,500	10,000
STANDARD METROPOLITAN STATISTICAL AREAS								
Washington, D.C., total <sup>1</sup> .....	998	285	35,431	193,140	170,000	170,000	20,000	12,000
Portion in District of Columbia.....	508	145	21,242	113,500	100,100	107,600	14,500	10,000
Portion in Maryland.....	325	82	9,103	47,000	40,000	40,000	5,000	3,000
Portion in Virginia.....	165	58	5,086	24,875	20,000	20,000	2,000	1,000
COUNTIES								
(Not applicable to the District of Columbia)								

\*Revised.

<sup>1</sup>The Washington, D.C., Standard Metropolitan Statistical Area consists of the District of Columbia; Arlington and Fairfax Counties, Virginia; Montgomery and Prince Georges Counties, Maryland.



## 1958 CENSUS OF MANUFACTURES

Table 9.—GENERAL STATISTICS FOR FLORIDA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954  
(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>2</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
FLORIDA, TOTAL.....	6,308	1,536	173,539	692,761	1,422,329	1,456,945	128,798	123,958	797,721
STANDARD METROPOLITAN STATISTICAL AREAS									
Jacksonville <sup>3</sup> .....	509	172	19,342	78,291	176,383	180,807	16,392	17,402	124,330
Miami <sup>4</sup> .....	1,694	448	37,351	144,503	251,931	260,374	19,088	24,317	141,213
Orlando <sup>5</sup> .....	330	78	10,926	55,996	111,514	120,935	11,753	(NA)	36,841
Pensacola <sup>6</sup> .....	115	39	12,589	59,176	178,451	179,198	5,897	(NA)	69,163
Tampa-St. Petersburg <sup>7</sup> .....	997	267	32,373	122,178	228,371	237,167	20,690	22,907	140,006
West Palm Beach <sup>8</sup> .....	218	42	4,715	25,389	26,294	26,857	2,027	(NA)	12,039
COUNTIES <sup>9</sup>									
Alachua.....	67	17	2,205	8,098	13,418	14,458	1,050	1,748	8,030
Baker.....	27	2	279	513	974	923	149	240	1,070
Bay.....	50	12	2,161	9,508	33,947	34,310	1,141	2,342	31,659
Bradford.....	20	4	644	2,213	2,845	2,891	344	641	2,314
Brevard.....	59	17	1,419	6,549	11,983	12,944	1,360	452	1,998
Broward.....	399	73	6,635	25,560	38,307	40,891	5,421	2,862	16,031
Clay.....	28	4	450	1,418	2,197	2,206	99	300	1,730
Columbia.....	41	8	647	1,764	4,218	4,120	208	704	2,755
Dade.....	1,694	448	37,006	141,575	251,931	260,374	19,088	24,229	141,213
Dixie.....	16	3	287	890	1,079	1,008	51	180	880
Duval.....	509	172	19,267	77,734	176,383	180,807	16,392	17,343	124,330
Gadsden.....	46	17	1,704	3,671	5,596	5,442	218	1,712	4,950
Hamilton.....	19	4	308	693	1,025	1,017	64	413	1,489
Hardee.....	14	5	371	1,022	2,645	2,776	260	191	388
Hillsborough.....	591	194	22,544	82,158	167,374	173,952	13,029	18,509	114,875
Indian River.....	28	4	420	1,548	2,995	2,910	269	247	1,410
Jackson.....	46	11	933	2,490	4,282	2,649	234	820	3,944
Lake.....	63	10	1,027	3,615	11,280	11,524	700	978	7,163
Lee.....	71	15	855	2,502	5,037	5,361	412	634	2,861
Leon.....	65	20	1,777	5,835	9,869	9,159	491	1,559	7,222
Liberty.....	11	4	276	848	1,605	1,684	199	118	375
Madison.....	35	6	636	1,632	2,710	2,842	157	760	2,884
Manatee.....	80	17	1,654	5,864	13,804	14,002	520	616	2,894
Marion.....	83	20	1,623	5,093	11,738	11,602	929	1,634	7,786
Monroe.....	31	4	264	1,085	1,591	1,596	577	162	859
Nassau.....	49	6	1,846	8,745	18,167	17,616	1,026	1,988	26,983
Orange.....	286	66	9,566	50,867	105,940	115,223	10,913	4,125	34,107
Osceola.....	26	4	298	797	1,346	1,323	149	258	1,018
Palm Beach.....	218	42	3,472	14,604	26,294	26,857	2,027	2,080	12,039
Pinellas.....	406	73	9,092	35,521	60,997	63,215	7,661	4,364	25,131
Polk.....	211	75	10,172	38,983	113,036	115,112	7,436	8,744	53,316
Putnam.....	64	10	2,858	12,331	27,760	25,734	2,309	2,312	21,192
St. Johns.....	37	6	277	2,172	4,362	4,367	346	453	3,492
St. Lucie.....	38	7	771	2,750	6,611	6,704	420	482	3,011
Seminole.....	44	12	804	2,220	5,574	5,712	840	418	2,734
Suwannee.....	27	3	349	734	1,028	1,076	115	257	954
Taylor.....	26	8	1,095	5,334	9,811	10,082	(D)	932	1,928

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.<sup>2</sup>The Jacksonville Standard Metropolitan Statistical Area consists of Duval County, Florida.<sup>3</sup>The Miami Standard Metropolitan Statistical Area consists of Dade County, Florida.<sup>4</sup>The Orlando Standard Metropolitan Statistical Area consists of Orange and Seminole Counties, Florida.<sup>5</sup>The Pensacola Standard Metropolitan Statistical Area consists of Escambia and Santa Rosa Counties, Florida.<sup>6</sup>The Tampa-St. Petersburg Standard Metropolitan Statistical Area consists of Hillsborough and Pinellas Counties, Florida.<sup>7</sup>The West Palm Beach Standard Metropolitan Statistical Area consists of Palm Beach County, Florida.<sup>8</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 10.--GENERAL STATISTICS FOR GEORGIA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1957

See text for explanation of column captions

Standard metropolitan statistical areas and counties	1958									
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>2</sup>	Value added by manufacture, unad.usted (\$1,000)	
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unad.usted (\$1,000)	Ad.usted (\$1,000)				
GEORGIA, TOTAL.....	5,776	1,851	315,603	1,079,277	2,113,599	2,222,683	14,837	303,278	1,592,611	
STANDARD METROPOLITAN STATISTICAL AREAS										
Atlanta <sup>2</sup> .....	1,314	524	83,830	380,621	716,974	719,705	5,292	81,966	567,461	
Augusta, total <sup>3</sup> .....	183	78	23,124	104,357	207,832	209,599	5,292	27,948	152,491	
Portion in Georgia.....	122	51	8,285	27,552	48,521	48,317	3,874	8,618	46,453	
Portion in South Carolina.....	61	27	14,839	76,805	159,311	161,282	1,418	19,330	106,038	
Chattanooga, total <sup>4</sup> .....	432	197	41,328	166,903	341,633	333,995	12,197	43,119	277,314	
Portion in Georgia.....	32	12	5,497	17,123	28,622	27,479	1,242	5,693	26,424	
Portion in Tennessee.....	400	185	35,831	149,780	313,011	306,516	11,955	37,426	250,890	
Columbus, total <sup>5</sup> .....	177	72	17,266	51,268	116,584	116,388	4,674	17,976	69,946	
Portion in Georgia.....	133	61	16,499	49,536	113,606	113,521	4,462	16,179	67,272	
Portion in Alabama.....	44	11	767	1,732	2,978	2,867	212	867	2,674	
Macon <sup>6</sup> .....	186	82	10,962	38,691	82,271	85,139	3,443	18,770	68,537	
Savannah <sup>7</sup> .....	197	67	14,447	63,358	167,493	168,267	17,463	13,412	152,664	
COUNTIES <sup>8</sup>										
Appling.....	24	6	418	928	4,767	4,261	86	360	1,177	
Bacon.....	14	4	175	364	582	560	91	102	389	
Baldwin.....	27	9	1,974	6,178	9,127	9,150	1,116	1,318	9,225	
Barrow.....	26	18	2,227	5,742	9,037	9,083	220	2,514	6,097	
Bartow.....	37	17	2,442	6,818	12,094	11,661	764	2,273	9,770	
Berrien.....	22	3	234	640	1,155	1,265	467	260	861	
Bibb.....	168	78	10,307	35,646	79,273	81,270	3,217	10,094	65,744	
Blackley.....	12	5	749	1,585	2,066	2,029	141	681	1,578	
Brooks.....	24	7	338	772	1,286	1,323	158	458	1,485	
Bulloch.....	31	8	739	1,870	4,128	3,634	297	424	1,361	
Butts.....	16	4	685	1,665	1,691	1,742	143	676	2,123	
Carruth.....	87	35	3,710	10,080	16,593	16,589	1,376	3,031	9,594	
Catoosa.....	20	5	572	2,185	4,268	4,415	351	1,297	3,297	
Chatam.....	197	67	14,439	63,325	167,493	168,267	17,463	13,323	152,664	
Chattahoochee.....	19	9	4,319	12,540	22,415	22,678	1,166	4,329	27,606	
Cherokee.....	51	9	2,072	5,170	10,290	9,511	665	2,319	7,479	
Clarke.....	68	36	4,787	14,327	25,737	25,929	1,382	3,476	15,687	
Clayton.....	36	7	427	1,325	2,767	2,744	(D)	259	1,787	
Cline.....	32	3	403	1,036	1,349	1,574	260	601	1,759	
Cobb.....	97	32	17,213	102,829	134,576	134,230	(D)	18,497	123,217	
Coffee.....	46	14	1,098	2,229	3,592	3,672	221	911	3,718	
Colquitt.....	44	16	2,076	6,577	10,611	10,023	309	1,967	9,371	
Columbia.....	18	8	929	2,739	8,506	8,460	635	252	564	
Cook.....	26	7	654	1,839	3,708	3,737	698	462	1,861	
Coweta.....	45	20	4,574	12,791	26,509	26,927	1,168	4,150	17,239	
Crisp.....	31	10	978	3,748	7,221	6,631	286	1,179	4,669	
Decatur.....	27	10	1,073	2,986	5,434	5,549	312	1,000	4,071	
De Kalb.....	196	51	8,032	35,987	77,314	79,025	5,216	6,907	77,319	
Dodge.....	23	6	898	2,157	3,439	3,348	111	62	1,897	
Dougherty.....	71	35	3,423	11,226	24,553	25,083	1,753	3,138	14,469	
Elbert.....	72	19	1,987	6,181	10,470	10,447	42	1,494	6,621	
Emanuel.....	32	9	758	1,705	2,983	2,906	168	551	1,485	
Evans.....	19	6	330	750	2,305	2,285	657	171	921	
Floyd.....	101	42	10,094	37,885	72,574	70,700	3,334	10,353	46,517	
Forsyth.....	26	3	631	1,629	4,804	4,984	251	341	1,057	
Franklin.....	15	8	1,578	3,172	4,792	4,995	120	1,252	3,733	
Fulton.....	931	420	54,656	224,966	481,052	491,592	48,808	53,096	358,472	
Gilmer.....	36	6	790	1,781	3,401	3,520	549	277	1,000	
Glynn.....	78	21	4,513	16,962	56,204	57,764	4,578	3,766	46,628	
Gordon.....	36	17	1,859	4,554	9,425	9,597	433	2,223	8,212	
Grady.....	25	5	1,011	2,228	3,259	3,438	195	249	2,469	
Greene.....	30	7	1,116	2,418	5,300	2,929	389	1,264	3,494	
Griffin.....	54	14	2,188	6,231	11,265	11,414	654	1,868	7,945	
Habersham.....	50	16	2,158	6,053	13,433	13,312	978	2,087	8,929	
Hall.....	80	34	7,239	22,120	45,795	45,952	2,465	5,827	27,619	
Hancock.....	27	4	307	473	641	619	97	368	1,754	
Haralson.....	25	7	3,680	12,809	18,187	18,007	217	3,792	14,928	
Hart.....	18	6	1,302	4,433	8,547	8,311	150	987	3,818	
Henry.....	27	5	872	3,397	5,418	5,562	428	745	3,269	
Houston.....	18	4	412	1,512	2,998	3,869	226	448	2,763	
Jackson.....	19	8	2,362	6,649	10,112	9,262	628	2,491	8,212	
Jeff Davis.....	19	5	1,222	2,943	4,605	4,777	296	619	2,161	
Jefferson.....	40	7	946	2,541	3,360	3,445	294	1,148	3,169	
Jenkins.....	10	3	615	1,355	1,522	1,689	112	761	1,264	
Johnson.....	10	3	465	1,024	1,661	2,014	126	425	1,391	
Laurens.....	51	8	2,275	7,041	14,677	14,170	479	1,361	6,957	
Lincoln.....	36	6	449	706	941	952	120	369	726	
Lowndes.....	75	25	3,035	10,647	26,153	25,701	1,649	2,268	11,897	
McDuffie.....	21	9	1,482	4,235	8,483	8,307	529	1,188	5,715	

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 10.--GENERAL STATISTICS FOR GEORGIA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
GEORGIA--Continued									
COUNTIES <sup>2</sup> --Continued									
Macon.....	17	5	1,002	1,868	2,456	2,467	141	512	1,504
Madison.....	21	3	413	919	1,158	1,135	52	102	207
Meriwether.....	27	10	1,937	5,210	13,581	13,393	439	1,544	4,745
Mitchell.....	32	11	1,170	2,701	3,606	4,146	224	921	2,846
Monroe.....	34	6	574	1,365	2,710	2,802	484	516	1,510
Morgan.....	20	3	385	1,085	2,037	2,093	70	464	1,370
Newton.....	20	10	3,003	7,285	10,506	11,445	3,150	3,274	9,394
Paulding.....	27	4	474	1,111	1,617	1,436	82	493	1,659
Peach.....	17	7	1,056	3,001	4,280	4,351	273	864	3,671
Pickens.....	17	6	1,136	3,101	4,941	5,248	402	1,142	4,509
Pierce.....	18	3	626	1,246	1,836	1,866	261	272	836
Polk.....	33	13	3,270	10,619	22,318	21,501	3,711	3,696	19,429
Pulaski.....	14	2	381	1,001	1,588	1,581	125	314	1,018
Putnam.....	18	2	733	2,061	3,149	3,444	149	890	3,358
Rabun.....	15	4	807	2,073	1,973	3,400	(D)	570	1,299
Randolph.....	16	4	508	1,297	1,944	1,977	100	540	2,207
Richmond.....	122	51	8,252	27,417	48,521	48,317	3,804	8,602	46,453
Rockdale.....	10	4	961	2,497	4,019	3,556	91	855	2,986
Screven.....	45	3	494	1,028	1,336	1,349	127	693	1,750
Spalding.....	47	16	6,762	17,839	24,749	24,616	1,175	7,082	20,972
Stephens.....	40	15	3,149	9,974	23,862	22,204	693	3,407	15,867
Sumter.....	37	11	1,531	3,849	7,948	8,250	274	1,476	5,897
Talbot.....	21	3	296	667	1,119	1,187	51	352	906
Telfair.....	30	4	540	1,123	2,164	2,092	167	783	1,959
Terrell.....	12	5	547	1,393	1,297	1,217	104	550	981
Thomas.....	58	17	2,449	7,925	11,779	12,524	842	2,495	9,777
Tift.....	44	10	1,225	3,798	5,828	6,548	348	1,302	3,545
Toombs.....	38	8	1,384	3,177	5,213	5,243	230	975	2,487
Troup.....	69	25	8,127	19,976	42,512	39,984	3,359	9,716	32,802
Upson.....	25	6	4,438	13,601	26,866	27,887	1,346	5,082	24,339
Walker.....	32	12	5,467	16,967	28,622	27,479	1,242	5,693	26,425
Walton.....	27	11	2,358	5,636	7,808	7,908	1,037	2,301	6,473
Ware.....	52	16	1,879	5,056	8,994	9,204	354	2,036	9,081
Washington.....	49	12	1,443	3,573	6,815	6,902	418	715	1,677
Wayne.....	39	8	1,817	6,192	17,066	16,244	1,752	1,321	4,250
White.....	20	4	502	1,381	3,550	3,438	225	469	2,138
Whitfield.....	151	77	8,957	26,300	54,498	55,816	3,054	8,809	38,126
Wilcox.....	10	3	281	476	581	570	61	115	248
Wilkes.....	30	3	992	2,313	3,051	3,202	443	839	3,352
Wilkinson.....	20	3	359	775	981	1,041	105	415	1,670

D Withheld to avoid disclosing data for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the Standard Metropolitan Statistical Areas but are excluded from the county totals. For a definition of these units see text.<sup>2</sup>The Atlanta, Georgia Standard Metropolitan Statistical Area consists of Clayton, Cobb, De Kalb, Fulton and Winnett Counties, Georgia.<sup>3</sup>The Augusta, Georgia-South Carolina Standard Metropolitan Statistical Area consists of Richmond County, Georgia and Aiken County, South Carolina.<sup>4</sup>The Chattanooga, Tennessee-Georgia Standard Metropolitan Statistical Area consists of Walker County, Georgia and Hamilton County, Tennessee.<sup>5</sup>The Columbus, Georgia-Alabama Standard Metropolitan Statistical Area consists of Chattahoochee and Muscogee Counties in Georgia and Russell County, Alabama.<sup>6</sup>The Macon, Georgia Standard Metropolitan Statistical Area consists of Bibb and Houston Counties, Georgia.<sup>7</sup>The Savannah, Georgia Standard Metropolitan Statistical Area consists of Chatham County, Georgia.<sup>8</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

# 1938 CENSUS OF MANUFACTURES

TABLE 1.--GENERAL STATISTICS FOR IDAHO. (STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES)

(See text for explanation of symbols and abbreviations.)

Standard Metropolitan Statistical Areas and Counties	Establishments, number		All employees <sup>1</sup>		Value added by manufacturers		Capital expenditures, \$	All employees, number	Value added, \$
	Total	With 25 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
IDAHO, TOTAL.....	1,062	244	27,601	127,714	246,270	246,641	11,127	1,5,202	1,100,000
STANDARD METROPOLITAN STATISTICAL AREAS (None in this State)									
COUNTIES <sup>2</sup>									
Ada.....	130	37	2,785	11,783	19,943	21,290	2,496	1,671	17,441
Banock.....	47	17	884	3,813	8,312	8,976	730	951	8,741
Benevish.....	49	3	477	1,789	2,637	2,637	445	514	1,170
Bingham.....	30	9	620	2,333	4,281	4,490	2,491	167	3,381
Bonner.....	62	9	1,143	5,731	7,883	7,736	662	1,210	8,114
Bonneville.....	16	17	3,155	16,542	38,629	40,198	919	957	7,311
Boundary.....	30	4	334	1,305	2,543	2,535	164	310	1,727
Cassia.....	17	4	424	1,394	2,913	2,912	719	184	8,099
Clearwater.....	66	16	1,290	5,907	9,694	8,866	648	1,354	9,600
Idaho.....	55	13	1,038	4,184	6,623	6,667	506	1,096	7,637
Jerome.....	10	4	273	941	1,812	1,744	200	279	1,497
Kootenai.....	57	17	1,523	6,757	9,471	8,121	1,174	1,759	12,443
Latah.....	56	7	873	4,264	5,161	4,826	399	965	7,198
Twin Falls.....	60	11	1,011	3,939	9,450	9,788	617	879	7,341
Valley.....	17	2	342	1,717	3,304	3,079	460	287	2,537

\*Revised.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.



Table 12.--GENERAL STATISTICS FOR ILLINOIS, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	Value added by manufacture, unadjusted
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	All employees, number <sup>1</sup>	(\$1,000)
ILLINOIS, TOTAL.....	18,115	6,600	1,188,895	6,207,059	11,552,558	11,577,853	702,999	1,222,428
STANDARD METROPOLITAN STATISTICAL AREAS								
Champaign-Urbana <sup>2</sup> .....	81	24	2,648	12,188	22,619	24,060	2,795	2,446
Chicago <sup>3</sup> .....	13,521	4,971	856,881	4,585,276	8,190,535	8,196,568	467,519	890,048
Chicago and Gary-Hammond-East Chicago <sup>4</sup> .....	13,965	5,140	955,437	5,187,966	9,470,321	9,466,331	717,074	991,906
Deavenport-Rock Island-Moline, total <sup>5</sup> .....	388	136	35,929	198,988	365,554	375,899	21,561	36,021
Portion in Illinois.....	210	75	23,872	135,540	246,538	253,671	14,281	23,592
Portion in Iowa.....	178	61	12,057	63,538	119,016	122,228	7,280	12,429
Decatur <sup>6</sup> .....	135	65	14,032	71,684	142,011	138,781	11,838	12,217
Peoria <sup>7</sup> .....	319	123	36,339	192,003	490,055	496,023	21,217	40,953
Rockford <sup>8</sup> .....	484	186	39,216	205,532	350,909	348,746	17,020	38,194
St. Louis, total <sup>9</sup> .....	3,143	1,254	256,381	1,320,832	2,328,033	2,337,620	152,488	266,872
Portion in Illinois.....	459	182	54,157	295,763	548,922	555,212	67,301	56,211
Portion in Missouri.....	2,684	1,072	202,224	1,025,069	1,779,111	1,782,408	85,187	210,661
Springfield <sup>10</sup> .....	165	59	11,223	56,354	124,023	112,701	3,414	12,819
COUNTIES <sup>11</sup>								
Adams.....	112	45	7,236	29,132	93,431	92,288	2,814	7,092
Alexander.....	23	10	730	2,232	4,444	4,345	187	982
Bond.....	17	5	579	2,427	4,195	4,306	339	522
Boone.....	46	18	1,459	5,679	9,658	9,506	838	1,228
Bureau.....	48	13	1,451	6,118	10,999	11,312	747	1,787
Carroll.....	23	6	510	2,028	4,000	4,022	213	418
Cass.....	13	4	458	1,803	3,277	3,267	27	504
Champaign.....	81	24	2,358	10,991	22,619	24,060	2,795	2,446
Christian.....	33	15	1,519	6,533	12,627	12,974	1,045	1,630
Clay.....	14	3	541	1,573	3,659	3,670	1,026	608
Clinton.....	43	6	1,038	4,271	11,664	11,286	1,877	1,595
Coles.....	58	24	3,354	12,964	30,215	29,298	665	2,991
Cook.....	12,121	4,453	727,798	3,847,609	7,325,356	7,306,007	417,365	765,678
Crawford.....	26	10	1,883	8,768	32,169	31,710	1,713	1,659
De Kalb.....	90	33	5,689	27,105	49,790	50,179	3,313	6,014
Da Page.....	312	86	7,809	36,880	69,077	70,920	5,172	5,554
Edwards.....	12	3	331	735	1,020	1,001	94	138
Effingham.....	32	9	1,476	5,576	8,222	7,967	256	1,353
Payette.....	26	4	741	1,857	3,161	3,246	369	739
Franklin.....	37	10	663	1,923	3,047	3,322	171	834
Greene.....	20	4	325	1,132	2,201	2,298	113	474
Grundy.....	31	14	2,125	10,656	23,114	22,628	667	2,039
Hamilton.....	16	2	407	624	1,128	1,150	45	313
Hancock.....	31	10	580	1,761	4,627	4,850	202	460
Henry.....	64	18	3,279	15,407	29,010	27,875	1,212	3,897
Iroquois.....	31	8	1,581	4,949	9,978	10,241	610	1,185
Jackson.....	32	7	1,382	3,817	6,836	7,138	155	1,966
Jasper.....	14	4	358	830	1,392	1,396	29	98
Jefferson.....	36	14	1,630	6,084	10,022	9,452	281	2,414
Kane.....	398	176	28,796	140,345	244,013	243,376	10,318	27,614
Kankakee.....	103	45	9,229	46,375	127,070	133,321	3,475	8,883
Kendall.....	24	12	2,594	13,609	26,380	29,876	1,127	1,323
Knox.....	59	25	6,740	30,815	55,053	52,903	3,776	5,262
Lake.....	311	106	25,805	134,660	288,737	309,678	17,582	23,857
La Salle.....	145	65	16,953	82,760	185,313	188,474	9,088	17,585
Lee.....	47	19	2,280	10,112	25,531	25,457	2,992	2,093
Livingston.....	37	19	1,978	8,222	16,532	17,227	994	1,614
Logan.....	29	10	2,031	7,320	24,767	25,268	808	1,714
McDonough.....	31	15	1,587	6,319	11,354	11,299	677	1,611
McHenry.....	168	58	8,051	37,419	84,208	83,927	4,075	6,797
McLean.....	82	27	4,333	20,118	45,999	45,035	1,336	4,234
Mason.....	135	65	13,949	71,042	142,011	138,781	11,838	12,184
Macoupin.....	46	11	714	2,209	4,998	4,922	1,425	635

See Footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 10.—GENERAL STATISTICS FOR ILLINOIS, ITS STANDARD METROPOLITAN STATISTICAL AREA AND COUNTIES

(See text for explanation of column captions)

	1958							
	Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, \$1,000	Non- employee, number
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		Unadjusted (\$1,000)
ILLINOIS—Continued								
COUNTIES <sup>1</sup> —Continued								
Madison.....	210	87	33,257	189,696	351,411	352,948	5,911	32,855
Marion.....	44	17	2,083	6,792	12,976	13,346	290	2,246
Marshall.....	21	5	594	2,147	2,567	2,763	7,526	610
Montgomery.....	49	12	1,853	7,216	13,642	13,453	982	1,792
Morgan.....	36	10	1,520	6,268	16,418	16,711	670	1,985
Moultrie.....	13	4	571	1,662	4,087	4,179	124	573
Ogle.....	62	27	3,690	18,026	33,645	33,716	1,314	3,212
Peoria.....	240	96	14,879	83,793	174,710	180,954	10,262	14,945
Perry.....	30	11	1,505	5,243	7,541	8,331	774	383
Piatt.....	18	4	497	2,057	10,208	10,053	286	260
Pike.....	24	4	739	1,997	4,810	4,811	86	902
Randolph.....	36	15	2,429	7,330	15,473	15,771	556	2,318
Richland.....	13	5	554	1,366	2,178	2,040	71	819
Rock Island.....	210	75	22,941	126,275	246,538	253,671	14,281	22,878
St. Clair.....	249	95	20,620	104,360	197,511	202,264	12,390	22,861
Sangamon.....	165	59	11,223	56,354	124,023	112,701	3,414	12,816
Shelby.....	18	3	609	2,364	3,644	3,353	239	679
Stephenson.....	78	22	6,146	25,956	51,785	52,190	2,669	5,385
Tazewell.....	79	27	17,376	84,309	315,337	315,089	10,455	22,783
Union.....	20	6	648	1,666	3,501	3,561	126	768
Vermilion.....	134	68	10,091	46,820	91,950	94,499	6,810	9,640
Wabash.....	10	5	870	3,122	9,034	8,530	123	452
Warren.....	29	5	755	2,326	3,509	3,543	135	827
White.....	20	4	426	1,076	1,848	1,865	39	507
Whiteside.....	68	29	6,656	40,010	81,679	85,272	3,797	7,001
Will.....	211	92	17,544	88,768	179,144	182,660	13,007	19,938
Williamson.....	49	13	3,915	13,803	21,347	21,160	21	330
Winnebago.....	484	186	39,212	205,520	350,909	348,746	17,020	38,134
Woodford.....	26	7	585	2,278	4,972	4,869	621	505

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Champaign-Urbana Standard Metropolitan Statistical Area consists of Champaign County, Illinois.

<sup>3</sup>The Chicago Standard Metropolitan Statistical Area consists of Cook, Du Page, Kane, Lake, McHenry, and Will Counties, Illinois.

<sup>4</sup>The data shown for 1958 represent a combination of the Chicago and the Gary-Hammond-East Chicago Standard Metropolitan Statistical Areas. They are currently defined. These two areas are the equivalent of the Chicago Standard Metropolitan Area (as formerly defined) plus the additional McHenry County in Illinois and Porter County in Indiana. The data for these two counties are included in the 1958 totals but are not included in the 1954 aggregates. They account for only 1% of the total employment in the combined area and do not have a significant effect on the data for the area as a whole.

<sup>5</sup>The Davenport-Peek Island-Moline Standard Metropolitan Statistical Area consists of Scott County, Iowa; and Rock Island County, Illinois.

<sup>6</sup>The Decatur Standard Metropolitan Statistical Area consists of Macon County, Illinois.

<sup>7</sup>The Peoria Standard Metropolitan Statistical Area consists of Peoria and Tazewell Counties, Illinois.

<sup>8</sup>The Rockford Standard Metropolitan Statistical Area consists of Winnebago County, Illinois.

<sup>9</sup>The St. Louis Standard Metropolitan Statistical Area consists of St. Louis City and Jefferson, St. Charles, and St. Louis Counties, Missouri; and Madison and St. Clair Counties, Illinois.

<sup>10</sup>The Springfield Standard Metropolitan Statistical Area consists of Sangamon County, Illinois.

<sup>11</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.



## 1958 CENSUS OF MANUFACTURES

Table 13.--GENERAL STATISTICS FOR INDIANA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1956 AND 1954  
(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
INDIANA, TOTAL.....	6,975	2,445	552,287	2,877,875	5,490,129	5,461,542	490,990	588,343	4,631,972
STANDARD METROPOLITAN STATISTICAL AREAS									
Andersom <sup>2</sup> .....	154	57	23,449	123,740	214,574	214,706	6,940	25,725	206,088
Evansville <sup>3</sup> .....	271	123	27,310	130,222	286,822	277,928	13,629	34,684	251,191
Portion in Indiana.....	219	98	25,121	123,051	273,970	264,306	(D)	32,623	238,222
Portion in Kentucky.....	52	25	2,189	7,171	12,852	13,622	(D)	2,061	12,969
Fort Wayne <sup>4</sup> .....	337	127	33,807	187,063	288,184	288,606	16,531	35,187	282,154
Gary-Hammond-East Chicago <sup>5</sup> .....	444	169	98,256	602,690	1,279,786	1,269,763	249,555	101,858	980,872
Indianapolis <sup>6</sup> .....	1,097	395	96,394	532,524	962,984	956,234	65,083	103,147	844,783
Louisville <sup>7</sup> .....	871	400	87,402	439,636	1,174,156	1,164,934	50,652	88,158	845,031
Portion in Indiana.....	126	57	8,149	36,045	97,086	99,153	5,095	112,632	112,632
Portion in Kentucky.....	744	342	79,060	402,364	1,075,826	1,063,247	45,242	88,158	732,398
Muncie <sup>8</sup> .....	170	68	15,038	83,425	157,163	155,650	4,110	17,459	149,534
South Bend <sup>9</sup> .....	331	108	34,639	194,546	309,026	310,357	13,414	43,622	320,105
Terre Haute <sup>10</sup> .....	139	62	9,876	46,109	89,961	93,546	5,998	10,455	75,688
COUNTIES <sup>11</sup>									
Adams.....	46	24	2,734	12,635	24,589	25,264	1,916	2,262	19,905
Allen.....	337	127	31,433	169,988	288,184	288,606	16,531	33,012	282,154
Bartholomew.....	70	31	9,063	45,935	101,208	96,846	6,127	7,710	68,110
Blackford.....	28	11	1,694	6,837	21,950	22,648	1,137	1,565	8,860
Boone.....	39	12	1,565	7,024	17,397	16,892	667	1,668	11,093
Carroll.....	28	6	680	2,414	4,740	4,881	246	766	4,261
Cass.....	56	16	2,699	11,797	21,177	20,507	1,236	3,190	21,186
Clark.....	61	27	4,882	24,290	78,153	81,845	4,254	9,866	92,536
Clay.....	31	13	2,157	8,361	13,317	13,244	361	1,432	7,240
Clinton.....	37	19	1,953	8,100	13,224	13,514	658	2,124	12,288
Davies.....	26	10	1,258	4,533	8,238	7,582	191	940	5,343
Dearborn.....	37	13	3,563	17,046	55,327	57,551	2,042	4,288	52,973
Decatur.....	34	12	821	3,204	6,526	6,394	463	825	3,389
De Kalb.....	60	26	2,917	13,532	25,031	25,800	2,890	2,733	17,199
Delaware.....	170	68	15,030	83,360	157,163	155,650	4,110	17,453	149,534
Dubois.....	97	47	3,896	14,154	23,159	22,945	702	3,262	15,709
Elkhart.....	378	151	19,404	97,644	232,700	229,397	9,360	17,153	153,876
Fayette.....	33	10	4,420	21,190	31,683	24,699	979	2,830	35,678
Floyd.....	65	30	3,263	11,741	18,933	17,308	841	4,256	20,096
Fountain.....	17	8	1,795	6,759	10,941	11,303	333	968	4,880
Franklin.....	17	6	568	1,963	3,258	3,369	284	481	2,655
Fulton.....	28	10	708	2,951	7,325	7,281	262	729	5,719
Gibson.....	28	10	2,097	9,288	11,808	12,562	476	1,823	10,860
Grant.....	120	42	12,181	60,681	107,874	110,719	7,034	10,979	70,316
Greene.....	35	6	802	2,819	7,590	7,529	173	703	4,221
Hamilton.....	47	13	2,224	11,730	17,593	17,919	1,309	2,352	15,964
Ranocok.....	31	8	801	2,789	4,180	4,301	(D)	552	3,825
Harrison.....	12	3	469	1,670	2,876	2,901	194	415	2,108
Hendricks.....	21	2	143	676	1,501	1,518	87	149	721
Henry.....	63	21	4,319	21,714	34,214	33,244	1,614	4,639	32,558
Howard.....	84	31	12,876	67,840	116,079	109,950	6,460	13,498	92,110
Huntington.....	68	28	3,643	16,544	24,331	24,400	1,256	3,729	22,373
Jackson.....	47	27	3,275	12,357	24,580	24,222	1,867	3,168	18,699
Jasper.....	24	5	324	1,191	2,433	2,618	90	265	1,732
Jay.....	33	17	2,879	12,265	19,924	20,031	1,979	3,131	17,245
Jennings.....	13	6	666	2,465	4,760	4,930	455	454	2,390
Johnson.....	41	17	1,829	7,719	14,719	15,294	646	2,049	14,835
Knox.....	54	17	2,504	10,073	20,697	20,790	674	2,031	13,402
Kosciusko.....	125	42	4,142	17,331	31,407	30,690	1,636	2,968	22,878
Lake.....	392	153	95,974	588,985	1,261,664	1,250,905	248,706	99,288	965,314
La Porte.....	166	78	12,967	61,860	113,490	103,632	5,087	15,921	111,083
Lawrence.....	54	19	3,729	16,587	23,349	22,996	1,208	4,939	28,780
Madison.....	154	57	23,449	123,740	214,574	214,706	6,940	25,725	206,088
Marion.....	1,097	395	95,109	523,757	962,984	956,234	65,083	102,233	844,783
Marshall.....	74	23	2,301	9,947	20,507	19,343	708	1,710	10,562
Martin.....	14	5	792	3,197	13,470	13,712	232	228	1,015
Miami.....	69	26	2,114	8,331	16,660	16,597	630	2,451	14,271
Monroe.....	61	33	5,850	24,168	60,822	61,817	3,869	6,309	51,700
Montgomery.....	43	16	3,306	16,282	25,915	26,313	2,313	2,836	19,085
Morgan.....	30	10	602	2,362	3,793	3,861	274	821	4,803
Newton.....	20	5	421	1,290	3,227	3,109	159	436	2,091
Noble.....	66	25	2,645	10,466	17,491	17,933	1,839	2,868	13,569
Perry.....	28	11	3,056	10,775	21,871	21,925	704	3,439	19,266
Porter.....	52	16	2,183	11,090	18,122	18,858	849	2,228	15,558
Putnam.....	20	7	1,373	6,584	14,787	14,813	1,364	691	6,528
Randolph.....	57	16	3,597	15,218	28,937	28,689	810	3,695	21,974

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 13.—GENERAL STATISTICS FOR INDIANA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES.  
 (See text for explanation of column captions.)

Standard metropolitan statistical areas and counties	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
INDIANA—Continued									
COUNTIES <sup>2</sup> —Continued									
Ripley.....	34	4	1,405	7,612	15,763	15,763	1,405	1,405	1,405
Rush.....	30	12	1,257	1,111	5,562	5,562	1,257	1,257	1,257
St. Joseph.....	331	107	34,606	194,313	89,038	128,275	34,606	34,606	34,606
Scott.....	18	6	1,491	5,257	9,133	9,133	1,491	1,491	1,491
Stark.....	22	8	534	1,848	2,412	2,412	534	534	534
Steuben.....	31	5	512	2,178	5,656	5,656	512	512	512
Tippecanoe.....	90	39	8,039	43,888	85,426	85,426	8,039	8,039	8,039
Tipton.....	19	6	763	3,242	5,319	5,319	763	763	763
Vanderburgh.....	219	98	25,104	122,909	273,970	264,786	25,104	25,104	25,104
Vermillion.....	24	8	556	1,930	3,387	3,387	556	556	556
Vigo.....	139	62	9,825	45,858	59,961	93,546	9,825	9,825	9,825
Wabash.....	75	32	4,452	20,129	35,718	36,339	4,452	4,452	4,452
Warrick.....	24	5	378	1,185	1,937	1,999	378	378	378
Washington.....	24	10	1,168	3,579	6,695	6,646	1,168	1,168	1,168
Wayne.....	133	61	10,737	51,925	100,138	102,568	10,737	10,737	10,737
Wells.....	38	9	1,310	5,959	11,728	11,694	1,310	1,310	1,310
White.....	19	6	1,045	3,764	5,908	5,813	97	1,045	1,045
Whitley.....	34	15	2,295	9,122	17,066	16,864	2,036	1,455	9,405

D Withheld to avoid disclosing figures for individual companies. <sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text. <sup>2</sup>The Anderson Standard Metropolitan Statistical Area consists of Madison County, Indiana. <sup>3</sup>The Evansville Standard Metropolitan Statistical Area consists of Vanderburgh County, Indiana; and Henderson County, Kentucky. <sup>4</sup>The Fort Wayne Standard Metropolitan Statistical Area consists of Allen County, Indiana. <sup>5</sup>The Gary-Hammond-East Chicago Standard Metropolitan Statistical Area consists of Lake and Porter Counties, Indiana. <sup>6</sup>The Indianapolis Standard Metropolitan Statistical Area consists of Marion County, Indiana. <sup>7</sup>The Louisville Standard Metropolitan Statistical Area consists of Jefferson County, Kentucky; and Clark and Floyd Counties, Indiana. <sup>8</sup>The Muncie Standard Metropolitan Statistical Area consists of Delaware County, Indiana. <sup>9</sup>The South Bend Standard Metropolitan Statistical Area consists of St. Joseph County, Indiana. <sup>10</sup>The Terre Haute Standard Metropolitan Statistical Area consists of Vigo County, Indiana. <sup>11</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 14.—GENERAL STATISTICS FOR IOWA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954  
 (See text for explanation of column captions.)

Standard metropolitan statistical areas and counties	1958						1958		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number <sup>1</sup>	Value added by manufac- ture, unad-justed
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad-justed (\$1,000)	Adjusted (\$1,000)			
IOWA, TOTAL.....	3,578	952	166,443	813,463	1,386,747	1,386,747	100,449	163,946	1,237,967
STANDARD METROPOLITAN STATISTICAL AREAS									
Cedar Rapids <sup>2</sup> .....	290	64	19,344	98,641	113,470	113,172	9,111	18,777	109,774
Davenport, Rock Island-Moline, total <sup>3</sup> .....	388	136	35,329	198,988	288,754	288,754	21,461	35,329	288,988
Portion in Iowa.....	178	61	12,097	63,548	113,116	112,268	7,256	12,097	112,268
Portion in Illinois.....	210	75	23,872	135,450	246,488	256,481	14,205	23,872	246,488
Des Moines <sup>4</sup> .....	397	136	27,466	114,777	238,677	238,677	14,461	27,466	238,677
Dubuque <sup>5</sup> .....	124	44	10,456	55,352	92,644	92,644	5,115	10,456	92,644
Omaha <sup>6</sup> .....	569	210	33,063	160,690	247,000	247,000	14,111	33,063	247,000
Portion in Iowa.....	70	22	1,982	7,771	12,446	12,446	1,111	1,982	12,446
Portion in Nebraska.....	499	188	31,081	152,919	234,554	234,554	13,000	31,081	234,554
Sioux City <sup>7</sup> .....	160	62	8,267	38,232	61,000	61,000	3,111	8,267	61,000
Waterloo <sup>8</sup> .....	16	57	13,893	97,742	167,000	167,000	1,111	13,893	167,000
COUNTIES <sup>9</sup>									
Allamakee.....	26	3	303	1,100	1,100	1,100	1,100	303	1,100
Appanoose.....	27	6	300	900	900	900	900	300	900
Benton.....	20	4	313	990	1,100	1,100	1,100	313	990
Black Hawk.....	165	57	13,124	97,633	1,100	1,100	1,100	13,124	97,633
Boone.....	29	6	438	1,800	1,800	1,800	1,800	438	1,800
Bremer.....	36	5	150	2,700	2,700	2,700	2,700	150	2,700

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 14.--GENERAL STATISTICS FOR IOWA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>2</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
IOWA--Continued									
COUNTIES <sup>3</sup> --Continued									
Buchanan.....	18	4	336	878	2,099	2,029	317	254	1,075
Carroll.....	28	10	486	1,941	4,095	3,958	679	555	2,239
Cass.....	22	4	549	2,142	8,302	8,614	502	352	2,165
Cerro Gordo.....	60	22	3,555	17,108	39,947	40,915	4,846	3,778	28,586
Cherokee.....	21	4	373	1,385	3,228	3,490	129	272	1,305
Clay.....	31	4	528	2,493	4,667	4,574	245	501	3,057
Clayton.....	51	6	518	1,396	3,383	3,396	374	391	1,341
Clinton.....	66	22	5,305	26,646	78,686	75,202	4,876	5,605	60,385
Dallas.....	36	10	571	2,279	4,255	4,761	673	699	4,209
Dubuque.....	124	44	10,456	53,352	92,644	93,705	5,538	10,322	73,825
Emmet.....	20	6	697	3,462	6,193	6,493	342	651	6,545
Fayette.....	42	9	809	2,931	6,339	6,360	377	711	4,324
Floyd.....	29	6	2,023	10,805	19,370	21,984	1,592	1,911	10,585
Franklin.....	24	3	348	1,259	3,745	3,634	133	435	2,447
Hamilton.....	30	10	1,178	4,264	10,296	10,445	204	864	5,244
Hardin.....	37	6	518	2,297	7,808	7,962	356	427	4,803
Humboldt.....	22	5	314	1,269	2,720	2,766	210	205	1,038
Jackson.....	25	2	1,638	7,724	11,914	11,998	613	1,079	6,475
Jasper.....	46	11	4,669	24,297	67,154	67,201	2,554	4,374	39,936
Jefferson.....	31	11	1,342	5,445	8,326	8,489	523	1,395	7,851
Johnson.....	26	8	728	3,440	24,690	25,269	306	643	4,364
Jones.....	36	8	354	1,369	3,203	3,223	210	351	1,501
Kossuth.....	30	4	297	1,185	2,646	2,844	290	228	1,283
Lee.....	59	25	4,940	24,025	58,254	57,276	3,255	5,973	62,973
Linn.....	200	64	18,858	97,709	213,483	216,172	9,111	18,457	150,759
Mahaska.....	33	8	1,014	3,526	5,787	5,848	281	773	3,995
Marion.....	27	5	920	3,539	7,935	7,871	477	1,281	4,434
Marshall.....	57	19	3,643	19,944	49,864	50,343	1,486	3,401	32,921
Muscatine.....	68	23	3,088	13,089	23,709	24,486	3,838	3,586	19,433
Plymouth.....	27	3	271	904	2,253	2,131	545	184	1,579
Polk.....	397	138	23,132	118,035	238,827	242,819	18,421	22,482	186,245
Pottawattamie.....	70	22	1,982	7,721	14,341	13,731	833	1,618	9,428
Sac.....	29	6	360	1,254	3,570	3,973	313	301	2,005
Scott.....	178	61	12,053	63,528	119,016	122,228	7,280	12,406	105,633
Story.....	48	12	985	3,360	6,873	6,585	515	649	3,155
Tama.....	20	3	287	1,395	3,270	3,280	157	286	2,895
Washington.....	28	7	472	1,683	4,490	4,607	368	547	3,154
Webster.....	71	28	3,900	19,419	51,640	52,720	2,530	4,032	40,271
Winneshek.....	25	4	235	779	1,228	1,279	216	196	950
Woodbury.....	160	62	8,267	38,282	63,377	65,322	2,239	9,401	46,794
Wright.....	25	6	458	2,014	7,997	7,971	350	399	2,773

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Cedar Rapids Standard Metropolitan Statistical Area consists of Linn County, Iowa.

<sup>3</sup>The Davenport-Rock Island-Moline Standard Metropolitan Statistical Area consists of Scott County, Iowa; and Rock Island County, Illinois.

<sup>4</sup>The Des Moines Standard Metropolitan Statistical Area consists of Polk County, Iowa.

<sup>5</sup>The Dubuque Standard Metropolitan Statistical Area consists of Dubuque County, Iowa.

<sup>6</sup>The Omaha Standard Metropolitan Statistical Area consists of Douglas and Sarpy Counties, Nebraska; and Pottawattamie County, Iowa.

<sup>7</sup>The Sioux City Standard Metropolitan Statistical Area consists of Woodbury County, Iowa.

<sup>8</sup>The Waterloo Standard Metropolitan Statistical Area consists of Black Hawk County, Iowa.

<sup>9</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

1950 CENSUS OF MANUFACTURES

TABLE 1.—GENERAL STATISTICS FOR KANSAS, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES

(See text for explanation of items and units.)

Manufacture, establishment, or other activity	Establishment, number		All employees <sup>1</sup>		Value added in manufacture		Payroll, \$100,000	Average annual earnings, \$	Ratio of value added to payroll
	Total	With or without employees	Number	Payroll, \$100,000	Manufacturing	All other			
KANSAS, TOTAL.....	1,230	641	149,791	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
STANDARD METROPOLITAN STATISTICAL AREAS									
Kansas City <sup>2</sup> .....	926	429	112,047	750,000	750,000	750,000	750,000	750,000	750,000
Portion in Kansas.....	311	141	23,743	150,000	150,000	150,000	150,000	150,000	150,000
Portion in Missouri.....	111	49	7,804	50,000	50,000	50,000	50,000	50,000	50,000
Topeka <sup>3</sup> .....	134	39	15,118	100,000	100,000	100,000	100,000	100,000	100,000
Wichita <sup>4</sup> .....	246	100	21,463	114,002	114,002	114,002	114,002	114,002	114,002
COUNTIES <sup>5</sup>									
Allen.....	28	9	799	5,000	5,000	5,000	5,000	5,000	5,000
Atchison.....	30	13	1,786	7,368	7,368	7,368	7,368	7,368	7,368
Barton.....	29	7	427	1,723	1,723	1,723	1,723	1,723	1,723
Bourbon.....	30	9	759	2,587	2,587	2,587	2,587	2,587	2,587
Brown.....	11	3	283	889	889	889	889	889	889
Butler.....	11	12	1,878	10,552	10,552	10,552	10,552	10,552	10,552
Cherokee.....	22	7	1,411	6,091	6,091	6,091	6,091	6,091	6,091
Cloud.....	17	5	350	1,104	1,104	1,104	1,104	1,104	1,104
Cowley.....	12	7	777	7,656	7,656	7,656	7,656	7,656	7,656
Crawford.....	27	16	1,470	5,855	5,855	5,855	5,855	5,855	5,855
Dickinson.....	2	4	562	2,536	2,536	2,536	2,536	2,536	2,536
Douglas.....	40	13	1,742	8,149	8,149	8,149	8,149	8,149	8,149
Finney.....	26	4	273	973	973	973	973	973	973
Ford.....	37	8	724	2,526	2,526	2,526	2,526	2,526	2,526
Franklin.....	22	6	593	1,962	1,962	1,962	1,962	1,962	1,962
Harvey.....	38	14	1,219	4,991	4,991	4,991	4,991	4,991	4,991
Johnson.....	65	16	2,123	10,483	10,483	10,483	10,483	10,483	10,483
Labette.....	15	12	1,011	3,472	3,472	3,472	3,472	3,472	3,472
Leavenworth.....	31	15	1,325	5,412	5,412	5,412	5,412	5,412	5,412
Lyon.....	34	10	877	3,311	3,311	3,311	3,311	3,311	3,311
McPherson.....	30	15	883	4,558	4,558	4,558	4,558	4,558	4,558
Marion.....	14	4	342	1,290	1,290	1,290	1,290	1,290	1,290
Miami.....	11	5	387	1,861	1,861	1,861	1,861	1,861	1,861
Montgomery.....	72	29	4,576	20,879	20,879	20,879	20,879	20,879	20,879
Neosho.....	28	11	742	3,140	3,140	3,140	3,140	3,140	3,140
Reno.....	101	32	3,108	13,817	13,817	13,817	13,817	13,817	13,817
Rice.....	7	4	269	1,104	1,104	1,104	1,104	1,104	1,104
Riley.....	25	6	289	1,020	1,020	1,020	1,020	1,020	1,020
Saline.....	55	17	1,551	7,041	7,041	7,041	7,041	7,041	7,041
Sedgwick.....	440	126	52,458	279,475	279,475	279,475	279,475	279,475	279,475
Shawnee.....	134	39	5,957	29,444	29,444	29,444	29,444	29,444	29,444
Sumner.....	31	5	377	1,618	1,618	1,618	1,618	1,618	1,618
Wilson.....	25	6	849	4,238	4,238	4,238	4,238	4,238	4,238
Wyandotte.....	246	100	21,463	114,002	114,002	114,002	114,002	114,002	114,002

D Withheld to avoid disclosing data for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Kansas City, Missouri-Kansas Standard Metropolitan Statistical Area consists of Clay and Jackson Counties, Missouri; Johnson and Wyandotte Counties, Kansas.

<sup>3</sup>The Topeka, Kansas Standard Metropolitan Statistical Area is coextensive with Shawnee County, Kansas.

<sup>4</sup>The Wichita, Kansas Standard Metropolitan Statistical Area is coextensive with Sedgwick County, Kansas.

<sup>5</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county in this or associated industrial areas, or (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.



Table 16.--GENERAL STATISTICS FOR KENTUCKY, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
KENTUCKY, TOTAL.....	2,864	930	163,751	727,580	1,800,368	1,801,218	109,539	151,113	1,236,260
STANDARD METROPOLITAN STATISTICAL AREAS									
Cincinnati <sup>2</sup> .....	1,784	769	151,680	809,695	1,493,454	1,501,800	103,560	154,281	1,318,668
Portion in Kentucky.....	167	57	7,600	37,555	69,793	70,526	2,841	9,225	82,355
Portion in Ohio.....	1,617	712	144,080	772,140	1,423,661	1,431,274	100,719	145,056	1,236,313
Evansville <sup>3</sup> .....	271	123	27,310	130,222	286,822	277,928	13,629	34,684	251,191
Portion in Kentucky.....	52	25	2,189	7,171	12,852	13,622	(D)	2,061	12,969
Portion in Indiana.....	219	98	25,121	123,051	273,970	264,306	(D)	32,623	238,222
Huntington-Ashland <sup>4</sup> .....	273	106	22,829	118,170	243,060	244,252	25,632	24,722	209,703
Portion in Kentucky.....	42	15	6,211	38,799	77,259	80,434	13,296	5,501	48,327
Portion in Ohio.....	47	24	4,317	21,672	49,673	50,423	4,789	4,561	51,710
Portion in West Virginia.....	184	67	12,301	57,699	116,128	113,395	7,547	14,660	109,666
Lexington <sup>5</sup> .....	127	59	7,807	36,649	80,277	77,475	14,590	4,420	26,472
Louisville <sup>6</sup> .....	871	400	87,402	439,636	1,174,136	1,164,934	50,652	88,158	845,031
Portion in Kentucky.....	745	343	79,253	403,591	1,077,050	1,065,781	45,557	88,158	732,398
Portion in Indiana.....	126	57	8,149	36,045	97,086	99,153	5,095		112,632
COUNTIES <sup>7</sup>									
Allen.....	16	2	540	1,059	1,363	1,425	137	418	1,116
Anderson.....	13	6	537	1,817	8,388	8,480	493	276	2,601
Barren.....	10		1,237	2,985	7,117	7,054	357	1,128	4,064
Bell.....	25	8	650	2,206	4,542	4,603	127	737	4,210
Bourbon.....	14	5	799	2,522	4,502	4,353	186	881	3,425
Boyd.....	42	15	5,500	34,324	77,259	80,434	13,296	4,993	48,327
Boyle.....	24	12	1,564	4,903	10,806	11,042	298	1,667	7,815
Breckinridge.....	10	4	325	1,076	1,821	1,822	178	318	1,199
Caldwell.....	14	3	490	1,152	1,725	1,870	164	635	2,120
Calloway.....	25	4	973	3,669	7,604	7,704	212	914	4,169
Campbell.....	63	17	3,861	18,935	37,004	37,272	1,828	4,791	42,807
Carroll.....	8	3	401	1,383	2,764	2,492	140	500	1,816
Carter.....	18	6	748	2,851	4,974	5,136	246	1,011	4,971
Christian.....	45	17	1,906	6,084	11,346	13,282	654	1,434	6,620
Daviess.....	81	30	7,560	30,663	67,191	69,796	2,503	7,665	44,790
Estill.....	18	1	316	809	1,089	1,094	78	1,290	984
Fayette.....	127	59	7,736	35,767	80,277	77,475	14,590	4,317	26,472
Franklin.....	24	10	2,186	8,150	41,836	41,913	1,474	2,124	39,008
Fulton.....	15	5	581	1,497	2,542	2,552	90	492	1,504
Graves.....	41	15	2,817	7,889	13,611	13,855	290	2,756	13,733
Grayson.....	13	3	315	664	889	888	28	241	874
Greenup.....	16	3	262	1,184	2,654	2,422	311	317	2,528
Hardin.....	20	6	360	1,279	2,594	2,850	356	347	1,379
Harrison.....	25	7	447	1,448	2,280	2,452	268	410	2,092
Harrison.....	12	5	578	2,501	5,599	5,422	331	471	2,261
Henderson.....	52	25	2,189	7,171	12,852	13,622	(D)	2,061	12,969
Hopkins.....	37	9	717	1,963	3,139	3,051	296	583	2,016
Jefferson.....	745	343	75,870	382,223	1,077,050	1,065,781	45,557	70,530	732,398
Kenton.....	104	40	3,739	18,620	32,789	33,254	1,013	4,387	39,548
Laurel.....	26	5	367	1,135	2,453	2,450	108	370	1,557
Logan.....	27	13	952	2,498	5,362	5,420	534	661	2,308
McCracken.....	56	20	4,895	21,838	45,567	45,960	868	5,030	35,323
McLean.....	10	4	272	760	1,085	1,100	25	242	765
Madison.....	23	4	861	3,049	7,925	8,227	194	758	3,868
Mason.....	21	12	2,072	7,175	17,931	19,026	1,275	1,737	14,809
Mercer.....	16	3	769	2,539	6,498	6,467	209	767	4,750
Muhlenberg.....	44	5	463	1,059	2,515	2,220	197	268	1,731
Nelson.....	26	10	1,182	5,182	12,182	12,204	945	1,338	9,499
Pulaski.....	49	9	1,134	2,982	5,645	6,213	292	813	3,636
Rowan.....	24	6	572	1,586	2,799	2,882	118	523	1,845
Scott.....	11	4	479	1,404	2,689	2,597	75	315	1,366
Shelby.....	17	7	371	1,489	1,881	2,183	106	410	1,829
Taylor.....	22	6	1,606	4,554	11,769	12,192	605	1,108	6,580
Todd.....	10	4	306	697	994	1,049	15	344	769
Warren.....	44	20	2,967	9,535	23,998	24,622	615	2,633	18,146
Washington.....	7	3	395	1,062	1,562	1,681	37	398	1,281
Wayne.....	19	5	486	1,045	1,410	1,518	119	301	899

D Withheld to avoid disclosing figures for individual companies. <sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text. <sup>2</sup>The Cincinnati Standard Metropolitan Statistical Area consists of Hamilton County, Ohio; and Campbell and Kenton Counties, Kentucky. <sup>3</sup>The Evansville Standard Metropolitan Statistical Area consists of Vanderburgh County, Indiana; and Henderson County, Kentucky. <sup>4</sup>The Huntington-Ashland Standard Metropolitan Statistical Area consists of Cabell and Wayne Counties, West Virginia; Boyd County, Kentucky; and Lawrence County, Ohio. <sup>5</sup>The Lexington Standard Metropolitan Statistical Area consists of Fayette County, Kentucky. <sup>6</sup>The Louisville Standard Metropolitan Statistical Area consists of Jefferson County, Kentucky; and Clark and Floyd Counties, Indiana. <sup>7</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 17.—GENERAL STATISTICS FOR LOUISIANA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED PARISHES: 1958 AND 1957  
See text for explanation of some items.

Standard metropolitan statistical areas and parishes	Establishments, number		All employees <sup>1</sup>		Value added by manufacturing		Payroll		Total	
	Total	With 20 or more employees	Number	Payroll (\$1,000)	1958	1957	1958	1957	1958	1957
LOUISIANA, TOTAL.....	3,133	942	137,124	621,742	1,420,396	1,473,700	6,700	6,700	1,420,396	1,473,700
STANDARD METROPOLITAN STATISTICAL AREAS										
Baton Rouge <sup>2</sup> .....	160	61	18,955	119,092	293,191	296,646	39,997	38,097	293,191	296,646
New Orleans <sup>3</sup> .....	901	315	45,967	206,774	471,781	476,821	28,644	28,644	471,781	476,821
Shreveport <sup>4</sup> .....	253	74	8,455	37,368	71,539	71,539	7,000	7,000	71,539	71,539
PARISHES <sup>5</sup>										
Acadia.....	63	21	1,100	3,101	8,698	10,046	143	901	8,698	10,046
Allan.....	19	8	1,796	7,246	14,877	15,381	945	1,000	14,877	15,381
Ascension.....	18	7	555	1,947	2,537	2,726	130	500	2,537	2,726
Assumption.....	18	7	808	3,055	5,676	5,386	461	833	5,676	5,386
Avoyelles.....	29	6	473	1,292	3,061	3,085	222	116	3,061	3,085
Bienvenue.....	27	4	740	2,048	3,529	3,799	317	677	3,529	3,799
Bossier.....	45	12	900	3,137	6,724	7,047	735	735	6,724	7,047
Caddo.....	208	62	7,460	33,553	64,815	68,411	5,722	7,334	64,815	68,411
Calcasieu.....	96	37	7,933	45,403	121,523	125,290	28,644	7,468	121,523	125,290
Caldwell.....	20	1	147	273	402	428	79	133	402	428
De Soto.....	25	8	1,098	3,778	7,604	7,661	485	1,000	7,604	7,661
East Baton Rouge.....	160	61	18,932	118,929	293,191	296,646	39,997	38,097	293,191	296,646
Franklin.....	9	5	280	1,275	4,659	4,558	70	124	4,659	4,558
Iberia.....	52	21	1,587	5,509	14,597	14,615	1,870	1,043	14,597	14,615
Iberia.....	28	9	936	3,540	9,206	9,189	(D)	631	9,206	9,189
Jefferson.....	168	76	11,737	57,628	116,279	121,356	14,730	12,192	116,279	121,356
Lafayette.....	66	16	1,640	5,762	13,432	12,022	1,025	1,134	13,432	12,022
Lafourche.....	51	11	1,267	4,749	10,161	9,055	735	1,534	10,161	9,055
La Salle.....	22	8	797	2,113	4,187	4,212	308	775	4,187	4,212
Lincoln.....	32	8	582	1,550	2,465	2,509	190	463	2,465	2,509
Livingston.....	36	7	455	1,064	1,737	1,736	196	470	1,737	1,736
Madison.....	12	4	531	1,612	2,374	2,361	128	728	2,374	2,361
Natchitoches.....	35	3	262	601	1,005	978	72	146	1,005	978
Orleans.....	711	230	29,869	122,092	253,634	257,993	8,911	36,437	253,634	257,993
Ouachita.....	113	44	6,019	26,570	53,264	53,934	3,713	5,402	53,264	53,934
Plaquemine.....	21	13	836	2,860	9,181	9,053	680	467	9,181	9,053
Poincane.....	20	7	393	909	1,486	1,365	137	352	1,486	1,365
Rapides.....	106	35	3,860	11,946	20,664	19,633	1,271	3,523	20,664	19,633
Sabine.....	34	4	709	1,907	2,479	2,627	1,215	767	2,479	2,627
St. Bernard.....	22	9	4,106	25,431	101,868	97,472	2,834	4,683	101,868	97,472
St. Charles.....	11	7	2,656	17,156	45,601	42,050	(D)	2,098	45,601	42,050
St. Landry.....	48	12	825	2,281	3,761	4,036	332	1,002	3,761	4,036
St. Martin.....	17	4	320	758	1,268	1,275	372	368	1,268	1,275
St. Mary.....	63	20	1,425	5,814	17,042	19,449	1,700	1,800	17,042	19,449
St. Tammany.....	51	9	956	3,218	4,775	5,050	474	907	4,775	5,050
Tangipahoa.....	84	24	2,282	6,219	11,737	11,923	501	2,242	11,737	11,923
Terrebonne.....	56	16	1,345	4,487	8,607	9,152	580	1,875	8,607	9,152
Union.....	48	4	362	780	1,500	1,478	188	330	1,500	1,478
Vermilion.....	28	8	541	1,472	2,626	2,347	353	693	2,626	2,347
Webster.....	62	15	3,762	17,220	43,934	46,752	2,933	6,314	43,934	46,752
West Feliciana.....	7	4	481	1,257	2,484	2,535	114	476	2,484	2,535
Winn.....	38	6	802	2,216	4,719	4,667	362	75	4,719	4,667

\*Revised.

D Withheld to avoid disclosing figures for individual companies.

The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the parish totals. For a definition of these units see text.

The Baton Rouge Standard Metropolitan Statistical Area consists of East Baton Rouge Parish, Louisiana.

The New Orleans Standard Metropolitan Statistical Area consists of Jefferson, Orleans, and St. Bernard Parishes, Louisiana.

The Shreveport Standard Metropolitan Statistical Area consists of Bossier and Caddo Parishes, Louisiana.

The sum of the parish figures will not equal the figures shown for the State because data for some parishes were withheld from publication in order to (a) avoid disclosing figures for individual companies within the parish or associated areas or, (b) permit further checking of the figures for the smaller parishes. Additional publishable detail will appear in the final report for this State.



## 1958 CENSUS OF MANUFACTURES

Table 18.--GENERAL STATISTICS FOR MAINE, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 and 1954  
(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
MAINE, TOTAL <sup>2</sup> .....	2,742	580	98,264	376,465	643,260	648,835	43,685	104,507	565,260
STANDARD METROPOLITAN STATISTICAL AREAS									
Lewiston-Auburn <sup>3</sup> .....	190	67	13,122	42,092	64,138	67,733	2,261	(NA)	(NA)
Portland <sup>4</sup> .....	211	86	12,190	36,791	102,865	102,894	6,468	13,161	87,366
COUNTIES									
Androscoggin.....	233	75	15,166	48,914	72,505	76,186	2,826	15,240	71,728
Aroostook.....	231	33	3,631	13,326	27,540	37,932	1,782	3,028	21,479
Cumberland.....	360	102	14,896	60,814	118,013	118,166	7,126	16,313	99,292
Franklin.....	153	23	3,361	11,526	18,136	17,805	3,094	3,438	15,037
Hancock.....	117	14	1,736	6,951	10,937	11,012	2,162	2,155	12,906
Kennebec.....	171	45	10,448	36,153	71,623	71,702	2,499	11,136	58,676
Knox.....	99	24	2,340	7,840	13,003	13,373	743	2,688	14,173
Lincoln.....	66	9	915	2,796	6,520	6,018	283	800	4,203
Oxford.....	231	40	6,991	38,494	46,177	46,390	5,383	7,524	38,940
Penobscot.....	301	61	11,530	48,170	100,743	94,645	9,878	12,040	72,119
Piscataquis.....	106	16	2,013	6,106	10,097	9,792	1,207	2,032	7,414
Sagadahoc.....	32	11	4,237	20,921	34,114	34,140	839	3,947	31,831
Somerset.....	182	34	5,569	18,311	27,307	27,627	1,417	6,037	24,911
Waldo.....	90	19	1,944	5,929	12,660	13,859	1,007	1,593	8,169
Washington.....	129	30	2,863	8,687	23,065	22,355	1,006	3,036	18,138
York.....	194	43	10,030	35,409	49,457	44,746	2,235	13,007	66,227

NA Not available.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.<sup>2</sup>The sum of the county figures will not equal the figures shown for the State because there were 17 small establishments with total employment of approximately 200 for which the correct county code was not available in time for this report. The county figures will be corrected for the final State reports.<sup>3</sup>The Lewiston-Auburn Standard Metropolitan Statistical Area consists of Auburn and Lewiston Cities; and Lisbon Town in Androscoggin County, Maine.<sup>4</sup>The Portland (Maine) Standard Metropolitan Statistical Area consists of Portland, South Portland and Westbrook cities; and Cape Elizabeth and Falmouth Towns in Cumberland County, Maine.

1958 CENSUS OF MANUFACTURES

Table 10.—GENERAL STATISTICS FOR MARYLAND, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES

See text for explanation of symbols and units

Standard metropolitan statistical areas and counties	Establishments, number		All emp. year <sup>1</sup>		Total value of products		Capital expenditures, \$1,000	All employees, number	Value added, \$1,000
	Total	With 50 or more employees	Number	Payroll, \$1,000	Manufacturing \$1,000	Non-manufacturing \$1,000			
MARYLAND, TOTAL.....	3,431	1,334	259,205	1,254,813	2,347,211	2,361,177	129,270	26,447	1,258,500
STANDARD METROPOLITAN STATISTICAL AREAS									
Baltimore <sup>2</sup> .....	2,109	866	197,941	1,011,483	1,932,691	1,945,920	8,741	196,148	1,077,790
Washington (D.C.), total <sup>3</sup> .....	998	235	35,431	184,356	73,506	314,939	20,038	32,711	223,472
Portion in Maryland.....	325	82	9,103	47,506	73,653	80,195	4,317	7,437	48,472
Portion in District of Columbia.....	508	145	21,242	113,505	193,144	197,642	14,807	20,006	157,213
Portion in Virginia.....	165	58	5,086	24,875	76,909	37,102	2,914	2,274	17,587
COUNTIES <sup>4</sup>									
Allegany.....	80	26	9,309	47,945	93,648	93,111	18,121	8,640	68,891
Anne Arundel.....	122	27	8,323	50,218	77,874	78,170	3,207	1,615	13,198
Baltimore City <sup>5</sup> .....	1,619	695	112,092	528,627	1,045,866	1,059,401	44,129	117,583	895,669
Baltimore.....	249	100	69,869	401,308	761,382	756,845	36,122	65,489	618,600
Caroline.....	52	23	1,887	5,217	10,392	10,140	257	1,989	7,716
Carroll.....	85	33	4,723	16,098	38,142	41,909	745	4,946	24,837
Cecil.....	59	23	2,165	8,702	16,348	15,448	1,530	3,754	11,383
Dorchester.....	93	34	3,643	9,570	21,752	21,816	905	1,965	11,870
Frederick.....	76	34	4,154	13,369	25,788	27,762	865	3,776	17,630
Garrett.....	34	6	505	1,258	1,904	1,791	112	134	907
Harford.....	60	21	3,216	11,827	24,002	25,507	1,790	2,304	10,754
Howard.....	34	11	1,032	4,097	9,427	9,595	548	614	3,484
Kent.....	25	7	817	2,159	3,433	3,516	156	592	2,787
Montgomery.....	161	40	3,925	17,910	32,086	33,964	1,245	3,146	21,220
Prince Georges.....	164	42	5,133	25,406	41,867	46,231	3,072	7,554	27,248
Talbot.....	56	23	1,475	3,759	6,423	6,561	318	1,338	4,053
Washington.....	122	62	13,295	63,394	70,961	61,508	1,591	14,637	78,279
Wicomico.....	105	52	5,925	16,776	35,404	36,006	2,160	5,508	24,313
Worcester.....	59	23	2,371	6,589	19,547	20,321	391	2,123	17,103

\* Revised.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Baltimore Standard Metropolitan Statistical Area consists of Baltimore City; Anne Arundel, Baltimore, Carroll, and Howard Counties, Maryland.

<sup>3</sup>The Washington, D.C., Standard Metropolitan Statistical Area consists of the District of Columbia; Alexandria and Falls Church Cities and Arlington and Fairfax Counties, Virginia; Montgomery and Prince Georges Counties, Maryland.

<sup>4</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

<sup>5</sup>Independent city.

## 1958 CENSUS OF MANUFACTURES

Table 20.—GENERAL STATISTICS FOR MASSACHUSETTS, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	(\$1,000)		(\$1,000)
MASSACHUSETTS, TOTAL.....	11,415	4,374	678,910	3,035,745	5,093,000	5,099,271	225,076	685,647	4,356,462
STANDARD METROPOLITAN STATISTICAL AREAS									
Boston <sup>2</sup> .....	5,627	2,025	298,085	1,419,598	2,377,783	2,408,547	99,659	(3)	(3)
Brookline <sup>3</sup> .....	357	138	16,243	60,092	98,702	99,466	2,735	(3)	(3)
Fall River <sup>4</sup> .....	342	176	23,437	74,156	110,834	109,542	4,515	27,005	111,675
Fitchburg-Lewinminster <sup>5</sup> .....	224	114	16,637	73,012	123,838	124,272	9,085	(NA)	(NA)
Lawrence-Haverhill <sup>7</sup> .....	465	*204	36,378	149,214	248,487	244,345	15,105	(3)	(3)
Lowell <sup>8</sup> .....	262	127	21,529	80,192	131,054	130,829	4,234	(3)	(3)
New Bedford <sup>9</sup> .....	308	156	26,553	91,122	158,145	148,254	4,993	(3)	(3)
Pittsfield <sup>10</sup> .....	100	44	14,207	83,854	150,613	146,884	4,531	15,625	139,938
Providence <sup>11</sup> .....	2,908	1,000	129,534	514,088	854,661	836,054	35,193	(3)	(3)
Springfield-Holyoke <sup>12</sup> .....	949	384	71,631	342,443	591,446	593,659	26,839	(3)	(3)
Worcester <sup>13</sup> .....	777	311	50,593	239,184	377,229	374,813	22,107	(3)	(3)
COUNTIES <sup>14</sup>									
Berkshire.....	217	74	21,667	114,431	201,553	196,460	6,447	25,843	197,757
Bristol.....	1,092	521	74,215	267,070	441,373	434,197	15,558	78,378	378,243
Essex.....	1,375	502	89,196	398,107	704,459	694,732	30,875	87,651	562,972
Franklin.....	122	35	5,906	25,791	51,574	49,528	1,670	7,034	47,634
Hampden.....	885	355	63,843	303,177	545,456	540,527	24,036	68,406	472,215
Hampshire.....	174	55	8,509	36,785	68,654	73,733	3,537	9,706	58,903
Middlesex.....	2,233	890	140,803	640,571	1,085,848	1,108,443	46,778	133,754	922,611
Norfolk.....	657	225	44,657	214,056	368,375	370,017	15,767	36,040	248,205
Plymouth.....	511	179	19,591	73,422	131,479	132,819	3,687	21,617	115,734
Suffolk.....	2,578	905	92,370	410,984	769,195	783,066	36,353	101,706	674,748
Worcester.....	1,466	621	99,095	437,063	717,309	710,766	39,284	106,030	672,125

\*Revised.

NA Not available.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Boston Standard Metropolitan Statistical Area consists of all of Suffolk County; Cambridge, Everett, Malden, Medford, Melrose, Newton, Somerville, Waltham, and Woburn Cities and Arlington, Ashland, Bedford, Belmont, Burlington, Concord, Framingham, Lexington, Lincoln, Natick, North Reading, Reading, Stoneham, Sudbury, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Beverly, Lynn, Peabody, and Salem Cities and Danvers, Hamilton, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County; Quincy City and Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Holbrook, Medfield, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Walpole, Wellesley, Westwood, and Weymouth towns in Norfolk County; and Duxbury, Hanover, Hingham, Hull, Marshfield, Norwell, Pembroke, Rockland, and Scituate towns in Plymouth County, Massachusetts.

<sup>3</sup>The definition of this standard metropolitan statistical area has been revised since 1954. Comparable 1954 data based on the new definition for the area were not available in time for inclusion in this preliminary release but will be included in the final report for the State.

<sup>4</sup>The Brockton Standard Metropolitan Statistical Area consists of Brockton city and Abington, Bridgewater, East Bridgewater, Hanson, West Bridgewater, and Whitman towns in Plymouth County; Avon and Stoughton towns in Norfolk County; and Easton town in Bristol County, Massachusetts.

<sup>5</sup>The Fall River Standard Metropolitan Statistical Area consists of Fall River City and Somerset, Swansea, and Westport towns in Bristol County, Massachusetts; and Tiverton town in Newport County, Rhode Island.

<sup>6</sup>The Fitchburg-Lewinminster Standard Metropolitan Statistical Area consists of Fitchburg and Lewinminster Cities and Lunenburg town in Worcester County, and Shirley town in Middlesex County, Massachusetts.

<sup>7</sup>The Lawrence-Haverhill Standard Metropolitan Statistical Area consists of Lawrence and Haverhill Cities and Andover, Groveland, Methuen, and North Andover towns in Essex County, Massachusetts; and Plaistow and Salem towns in Rockingham County, New Hampshire.

<sup>8</sup>The Lowell Standard Metropolitan Statistical Area consists of Lowell City and Billerica, Chelmsford, Dracut, Tewksbury, and Tyngsborough towns in Middlesex County, Massachusetts.

<sup>9</sup>The New Bedford Standard Metropolitan Statistical Area consists of New Bedford City, Acushnet, Dartmouth, and Fairhaven towns in Bristol County, and Marion and Mattapoisett towns in Plymouth County, Massachusetts.

<sup>10</sup>The Pittsfield Standard Metropolitan Statistical Area consists of Pittsfield City, Dalton, Lenox, and Lee towns in Berkshire County, Massachusetts.

<sup>11</sup>The Providence Standard Metropolitan Statistical Area consists of Central Falls, Cranston, Pawtucket, Providence, and Woonsocket Cities and Burrillville, Cumberland, East Providence, Johnston, Lincoln, North Providence, and Smithfield towns in Providence County, Narragansett and North Kingstown towns in Washington County, Warwick City, Coventry, East Greenwich, and West Warwick towns in Kent County, Jamestown town in Newport County, and all of Bristol County, Rhode Island; Attleboro City, North Attleboro, and Seekonk towns in Bristol County, Bellingham, Franklin, Plainville, and Wrentham towns in Norfolk County, and Blackstone and Millville towns in Worcester County, Massachusetts.

<sup>12</sup>The Springfield-Holyoke Standard Metropolitan Statistical Area consists of Chicopee, Holyoke, Springfield, and Westfield Cities and Agawam, East Longmeadow, Longmeadow, Ludlow, Monson, Palmer, West Springfield, and Wilbraham towns in Hampden County, Northampton City, Easthampton, Hadley, and South Hadley towns in Hampshire County, and Warren town in Worcester County, Massachusetts.

<sup>13</sup>The Worcester Standard Metropolitan Statistical Area consists of Worcester City and Auburn, Berlin, Boylston, Brookfield, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford, Shrewsbury, Spencer, Sutton, Upton, Westborough, and West Boylston town in Worcester County, Massachusetts.

<sup>14</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

## 1956 CENSUS OF MANUFACTURES

Table 1.--GENERAL STATISTICS FOR MICHIGAN, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES

(See text for explanation of some captions)

Standard metropolitan statistical areas and counties	Establishments, number		All employees		Value added in manufacturing		Payroll	All manufacturing	Value added in manufacturing
	Total	With 25 or more employees	Number	Payroll	Manufacturing	All manufacturing			
MICHIGAN, TOTAL	13,417	3,998	302,647	1,177,441	3,356,788	2,412,429	4,734,000	10,000,000	10,000,000
STANDARD METROPOLITAN STATISTICAL AREAS									
Ann Arbor <sup>1</sup>	324	63	18,321	12,441	186,420	12,441	186,420	186,420	186,420
Bay City <sup>2</sup>	170	50	8,949	48,661	84,075	84,075	84,075	84,075	84,075
Detroit <sup>3</sup>	6,338	1,909	6,338	77,877	77,877	77,877	77,877	77,877	77,877
Flint <sup>4</sup>	275	71	27,623	32,913	589,965	589,965	589,965	589,965	589,965
Grand Rapids <sup>5</sup>	837	292	44,636	233,654	411,131	411,131	411,131	411,131	411,131
Jackson <sup>6</sup>	286	87	14,912	80,332	152,265	152,265	152,265	152,265	152,265
Kalamazoo <sup>7</sup>	286	122	25,023	136,430	274,021	274,021	274,021	274,021	274,021
Lansing <sup>8</sup>	338	104	25,886	151,090	84,754	84,754	84,754	84,754	84,754
Michigan-Michigan Heights <sup>9</sup>	223	83	23,510	124,913	113,841	113,841	113,841	113,841	113,841
Saginaw <sup>10</sup>	246	76	21,351	125,014	125,060	125,060	125,060	125,060	125,060
COUNTIES <sup>11</sup>									
Alcona	32	5	825	3,915	9,321	9,189	915	911	5,727
Alcona	103	29	3,665	17,512	34,671	5,772	4,723	4,723	4,723
Alcona	42	13	3,454	16,289	23,097	4,285	4,285	4,285	4,285
Antrim	23	8	710	2,384	4,822	4,673	461	461	3,194
Barry	42	13	2,399	11,691	19,380	20,139	991	991	17,974
Bay	170	50	8,949	48,661	84,075	86,372	440	10,688	68,074
Berrien	17	6	415	1,230	1,900	1,791	81	392	1,637
Berrien	311	119	20,291	105,979	187,724	185,130	7,589	1,871	173,437
Branch	84	23	2,824	13,184	22,565	22,565	1,736	1,736	22,565
Calhoun	202	81	20,857	112,284	269,384	370,304	11,111	11,111	269,384
Cass	70	20	2,087	8,355	14,104	14,061	962	962	13,756
Charlevoix	37	10	912	3,700	6,724	7,091	427	699	6,724
Cheboygan	29	9	329	1,299	1,634	1,600	134	134	1,600
Chippewa	58	7	1,097	4,577	9,030	9,090	431	431	9,090
Clare	21	4	408	1,725	3,268	3,489	174	174	3,489
Clinton	32	6	795	4,244	14,031	14,077	292	292	14,077
Crawford	10	2	294	944	1,753	1,747	47	47	1,747
Delta	104	16	2,207	9,091	15,244	13,247	1,461	1,461	13,247
Easton	74	22	2,087	8,355	11,997	12,108	962	962	12,108
Emmet	26	7	656	2,966	7,842	8,268	1,517	1,517	8,268
Genesee	275	71	37,508	242,215	589,962	566,745	23,217	75,41	713,846
Gogebic	56	9	794	2,748	4,941	4,947	253	1,134	5,390
Grand Traverse	55	23	2,082	8,343	13,898	14,208	683	1,391	15,911
Groton	43	15	2,953	14,673	33,956	33,000	2,021	2,001	33,956
Hilledale	66	20	1,920	9,887	15,893	16,102	763	763	16,102
Houghton	78	15	1,131	3,975	9,153	9,271	550	1,446	10,616
Huron	51	15	1,431	6,366	14,126	13,771	787	1,932	13,771
Ingham	232	76	22,041	132,401	258,696	257,687	8,711	29,394	258,696
Ionia	65	23	3,789	15,974	31,830	29,999	1,111	2,786	31,830
Iosco	30	3	485	2,173	5,719	5,750	681	857	5,750
Iron	49	1	229	574	867	916	106	356	867
Isabella	34	7	714	3,487	6,521	6,761	409	831	6,761
Jackson	286	87	14,912	80,332	152,265	152,265	152,265	152,265	152,265
Kalamazoo	286	122	25,023	136,430	274,021	274,021	274,021	274,021	274,021
Kent	837	292	44,636	233,654	411,131	409,711	14,749	14,749	409,711
Lapeer	50	13	1,114	5,719	5,719	5,719	5,719	5,719	5,719
Lebanese	174	54	10,265	52,364	106,769	107,191	1,894	11,377	96,903
Livingston	94	21	1,706	7,986	13,514	13,107	711	1,889	13,107
Macomb	918	245	46,786	301,951	471,033	468,938	10,914	1,111	468,938
Manistee	56	17	1,831	8,686	20,536	21,118	1,011	1,011	20,536
Marquette	117	18	2,192	7,741	13,876	14,616	1,144	1,144	13,876
Marion	23	21	1,899	7,986	17,461	18,088	1,011	1,011	17,461
Mecosta	31	11	1,003	3,523	6,686	6,381	99	99	6,686
Menominee	111	11	2,543	10,060	20,090	19,814	1,000	1,000	19,814
Monroe	114	40	6,184	35,861	59,199	58,774	3,111	3,111	58,774
Montcalm	61	20	3,466	16,384	40,004	41,171	1,111	1,111	40,004
Muskegon	223	83	23,320	123,247	113,841	111,992	6,110	6,110	111,992
Oshtemo	1,169	300	47,458	289,179	546,911	549,111	1,111	1,111	546,911
Oscoda	28	7	487	1,238	1,771	1,771	1,771	1,771	1,771
Ogemaw	29	3	289	922	1,848	1,848	1,848	1,848	1,848
Ontonagon	29	4	423	1,701	3,390	3,390	3,390	3,390	3,390
Osceola	26	11	1,033	4,263	7,629	7,629	7,629	7,629	7,629
Osego	18	3	371	1,921	3,680	3,680	3,680	3,680	3,680
Ottawa	248	101	14,079	57,886	137,671	137,671	7,774	11,477	137,671
Presque Isle	26	4	207	500	86	86	86	86	86
Saginaw	242	76	21,950	125,014	222,060	222,060	222,060	222,060	222,060

See footnotes at end of table.



## 1958 CENSUS OF MANUFACTURES

Table 21.--GENERAL STATISTICS FOR MICHIGAN, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954--Continued  
(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>2</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
MICHIGAN--Continued									
COUNTIES <sup>1,2</sup> --Continued									
St. Clair.....	173	47	7,850	41,112	67,599	67,677	4,066	9,547	72,929
St. Joseph.....	134	52	7,290	33,653	67,247	68,670	12,363	6,483	54,110
Sanilac.....	55	17	2,219	9,144	15,134	16,297	1,194	1,696	8,875
Schoolcraft.....	34	4	331	1,103	1,762	1,716	531	372	2,434
Shiawassee.....	77	30	4,377	20,007	33,672	31,652	1,565	3,621	20,906
Tuscola.....	65	15	1,485	6,092	8,212	8,177	518	1,100	6,573
Van Buren.....	113	35	3,753	15,669	28,155	29,417	1,867	3,302	23,530
Washtenaw.....	222	63	17,347	99,006	186,985	184,213	14,548	21,163	172,533
Wayne.....	4,351	1,364	310,102	1,884,565	3,260,472	3,230,304	177,901	445,478	3,900,018
Wexford.....	38	13	1,476	6,225	9,998	9,523	320	2,033	10,336

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.<sup>2</sup>The Ann Arbor Standard Metropolitan Statistical Area consists of Washtenaw County, Michigan.<sup>3</sup>The Bay City Standard Metropolitan Statistical Area consists of Bay County, Michigan.<sup>4</sup>The Detroit Standard Metropolitan Statistical Area consists of Macomb, Oakland, and Wayne Counties, Michigan.<sup>5</sup>The Flint Standard Metropolitan Statistical Area consists of Genesee County, Michigan.<sup>6</sup>The Grand Rapids Standard Metropolitan Statistical Area consists of Kent County, Michigan.<sup>7</sup>The Jackson Standard Metropolitan Statistical Area consists of Jackson County, Michigan.<sup>8</sup>The Kalamazoo Standard Metropolitan Statistical Area consists of Kalamazoo County, Michigan.<sup>9</sup>The Lansing Standard Metropolitan Statistical Area consists of Clinton, Eaton, and Ingham Counties, Michigan.<sup>10</sup>The Muskegon-Muskegon Heights Standard Metropolitan Statistical Area consists of Muskegon County, Michigan.<sup>11</sup>The Saginaw Standard Metropolitan Statistical Area consists of Saginaw County, Michigan.<sup>12</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for smaller counties. Additional publishable detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 100--GENERAL STATISTICS FOR MINNESOTA, ITS STANDARD METROPOLITAN STATISTICAL AREA AND COUNTIES: 1958

See text for explanation of column headings

Region and State	1958						
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new
	Total	With 25 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	
MINNESOTA, TOTAL.....	5,327	1,435	219,168	1,204,114	1,994,090	1,344,661	109,772
STANDARD METROPOLITAN STATISTICAL AREAS							
Duluth-Superior.....	385	90	11,496	57,392	101,967	101,555	12,100
Portion in Minnesota.....	365	70	3,994	49,691	59,432	59,214	11,779
Portion in Wisconsin.....	20	20	1,502	7,701	12,990	15,401	1,690
Minneapolis-St. Paul <sup>2</sup> .....	4,942	383	144,471	754,245	1,369,076	1,234,511	50,265
COUNTIES <sup>3</sup>							
Anoka.....	95	16	6,006	31,711	50,605	50,100	1,051
Becker.....	29	1	404	1,225	1,805	2,221	1,870
Beltrami.....	43	7	382	1,773	2,365	2,527	113
Benton.....	31	5	799	3,661	7,139	1,673	661
Big Stone.....	7	2	265	628	1,120	1,114	115
Blue Earth.....	71	22	2,307	10,272	20,570	21,716	1,491
Brown.....	82	19	1,561	5,607	9,313	9,311	677
Carlton.....	34	5	3,757	16,743	37,128	37,522	1,792
Carver.....	31	6	646	2,671	5,495	5,414	1,120
Cass.....	50	2	320	770	1,605	1,668	137
Cottonwood.....	18	4	253	977	3,737	3,797	181
Crow Wing.....	46	9	990	4,231	5,662	5,259	120
Dakota.....	34	22	8,469	40,187	88,708	86,418	1,307
DeS Moines.....	32	4	369	1,807	2,127	2,166	230
Fairbault.....	34	6	793	2,672	6,001	5,500	459
Fillmore.....	34	3	268	935	1,865	1,690	190
Freeborn.....	64	24	3,478	16,469	28,075	27,559	1,127
Goodhue.....	61	24	2,401	12,119	20,320	20,901	1,590
Hennepin.....	1,625	566	73,274	369,999	666,905	679,486	27,169
Houston.....	23	2	273	763	4,240	4,287	179
Itasca.....	94	5	790	3,920	8,816	8,371	1,037
Kanabec.....	14	4	331	1,441	3,155	2,533	130
Kandiyohi.....	44	7	1,003	2,466	6,696	7,046	590
Koochiching.....	93	2	2,217	11,175	18,408	21,241	1,255
Lake.....	32	4	399	1,559	2,011	1,992	132
Le Sueur.....	34	8	952	3,337	8,000	7,996	1,113
Lyon.....	34	7	600	1,800	4,004	3,997	397
McLeod.....	45	14	1,480	5,451	13,635	13,590	966
Martin.....	39	7	1,357	5,183	15,104	14,010	706
Meeker.....	29	6	451	1,623	3,235	3,037	401
Morrison.....	41	8	890	3,337	7,340	7,594	500
Mower.....	35	8	5,596	26,127	50,793	50,504	1,100
Nicollet.....	25	4	332	1,190	2,599	2,671	440
Nobles.....	23	3	301	2,924	4,134	4,180	387
Olmsted.....	54	11	5,505	18,800	26,342	26,627	1,017
Otter Tail.....	66	12	332	3,410	7,050	7,067	415
Pennington.....	15	5	341	1,089	1,513	1,653	217
Pipestone.....	26	4	404	1,507	3,414	3,441	123
Polk.....	40	7	595	3,020	6,720	6,560	441
Ramsey.....	651	260	44,620	240,008	494,618	494,607	15,300
Renville.....	32	4	250	741	1,681	1,400	125
Rice.....	42	20	1,635	5,419	11,340	11,333	1,100
Rock.....	25	4	300	1,140	1,604	1,604	147
St. Louis.....	328	70	3,909	49,163	9,983	90,214	1,279
Scott.....	34	7	1,027	5,436	11,900	15,043	434
Stearns.....	113	27	4,129	15,953	28,009	28,404	1,455
Steele.....	46	10	1,490	6,250	15,100	16,181	606
Todd.....	24	3	462	1,614	3,200	3,194	100
Wabasha.....	26	7	726	2,047	6,459	6,647	509
Wadena.....	24	6	1,221	4,352	4,177	4,405	400
Washington.....	49	10	3,279	17,743	68,364	68,124	1,100
Watsonwan.....	23	5	891	2,217	4,000	4,777	100
Winona.....	30	44	3,634	14,860	25,000	26,127	1,100
Wright.....	43	9	637	2,310	5,000	5,300	400

<sup>1</sup> D Withheld to avoid disclosing figures for individual companies.<sup>2</sup> The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the state and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.<sup>3</sup> The Duluth-Superior, Minnesota-Wisconsin Standard Metropolitan Statistical Area consists of St. Louis County, Minnesota, and Lincoln County, Wisconsin.<sup>4</sup> The Minneapolis-St. Paul, Minnesota Standard Metropolitan Statistical Area consists of Anoka, Dakota, Hennepin, Ramsey, and Washington counties, Minnesota.<sup>5</sup> The sum of the county figures will not equal the figures shown for the state because figures for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this state.



## 1958 CENSUS OF MANUFACTURES

Table 23.—GENERAL STATISTICS FOR MISSISSIPPI, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954  
(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
MISSISSIPPI, TOTAL.....	2,402	749	109,372	357,002	636,074	645,566	57,741	91,261
STANDARD METROPOLITAN STATISTICAL AREAS								
Jackson <sup>2</sup> .....	211	76	9,441	35,110	67,175	70,713	4,437	7,452
COUNTIES <sup>3</sup>								
Adams.....	47	17	4,106	18,195	36,505	36,223	2,453	3,997
Alcorn.....	36	18	1,974	4,918	9,599	9,831	675	1,748
Amite.....	25	2	287	558	946	924	184	301
Attala.....	35	9	871	2,689	5,375	5,763	396	884
Bolivar.....	22	5	832	2,405	6,529	7,086	253	4,607
Calhoun.....	36	6	1,136	2,700	3,360	3,833	240	665
Chickasaw.....	26	9	1,570	3,931	9,697	9,779	294	1,034
Choctaw.....	12	5	340	617	955	977	73	130
Claiborne.....	20	4	563	1,354	1,807	1,861	156	774
Clarke.....	23	5	1,224	2,852	4,600	4,164	229	1,231
Clay.....	22	8	1,946	6,433	13,534	13,329	706	8,137
Coahoma.....	34	14	1,269	4,308	8,722	8,599	437	1,015
Copiah.....	39	12	1,216	2,504	5,698	5,584	160	1,635
Forrest.....	72	25	3,405	10,960	24,044	24,014	1,530	3,071
Grenada.....	32	10	1,299	3,997	5,698	5,834	240	1,183
Harrison.....	127	38	2,562	7,861	21,954	21,444	1,846	3,525
Hinds.....	211	76	9,232	34,229	67,175	70,713	4,437	7,421
Holmes.....	23	4	295	623	1,051	1,122	121	412
Humphreys.....	11	2	331	748	935	924	412	146
Iteawamba.....	21	8	930	1,888	2,837	2,952	157	2,147
Jackson.....	58	25	12,240	66,329	84,747	86,509	11,118	7,528
Jasper.....	19	3	659	1,643	3,103	3,267	266	204
Jefferson Davis.....	9	2	262	598	610	601	19	56
Jones.....	72	28	5,746	22,507	41,348	41,774	(D)	6,078
Lafayette.....	11	4	276	737	1,509	1,416	203	142
Lamar.....	28	5	739	2,439	6,940	6,759	479	482
Lauderdale.....	110	43	4,219	13,343	23,835	25,145	3,372	4,245
Lawrence.....	13	4	716	1,620	2,905	2,901	66	490
Leake.....	17	3	438	909	1,438	1,391	127	356
Lee.....	52	31	4,225	12,293	26,181	26,692	1,465	3,133
Leflore.....	34	11	729	2,385	4,578	5,589	759	855
Lincoln.....	28	9	1,272	3,813	6,327	6,248	313	1,408
Lowndes.....	51	27	4,048	12,197	21,276	22,151	2,537	2,904
Madison.....	29	16	1,145	2,890	5,692	6,159	432	726
Marion.....	38	9	1,635	3,655	5,892	5,540	342	1,397
Marshall.....	17	5	754	1,838	3,838	3,910	139	249
Monroe.....	45	20	2,999	7,203	8,558	8,582	991	1,733
Montgomery.....	21	4	759	2,167	3,147	3,220	140	371
Neshoba.....	30	4	836	1,898	3,043	3,197	190	762
Newton.....	27	8	1,373	2,934	4,366	4,404	139	638
Noxubee.....	19	6	616	1,595	3,549	3,567	176	461
Oktibbeha.....	29	10	658	1,513	3,629	3,763	248	729
Panola.....	19	8	825	2,247	3,580	3,442	132	481
Pearl River.....	40	12	1,623	4,444	6,881	7,022	217	1,656
Perry.....	15	3	384	840	1,112	1,126	54	252
Pike.....	53	15	2,451	6,134	8,733	8,455	555	2,312
Pontotoc.....	15	5	608	1,397	2,064	2,051	38	492
Prentiss.....	15	6	1,302	3,130	4,584	4,521	99	784
Randolph.....	30	9	1,851	6,897	15,497	16,668	964	1,452
Scott.....	32	7	931	1,917	4,989	5,294	605	694
Smith.....	13	3	303	538	665	698	86	154
Stone.....	18	4	445	1,159	2,300	2,266	313	448
Sunflower.....	18	7	735	1,822	3,754	3,780	155	419
Tate.....	10	1	425	1,151	3,951	4,054	33	141
Tippah.....	27	4	773	1,931	3,637	3,685	138	433
Union.....	21	7	1,283	2,906	5,916	5,824	338	1,057
Walworth.....	9	1	470	1,086	1,355	1,350	7	273
Warren.....	43	20	2,515	9,181	15,936	16,379	781	2,616
Washington.....	21	25	2,685	9,737	18,283	16,966	1,537	2,394
Wayne.....	20	4	598	1,274	1,833	1,819	105	701
Wilkinson.....	34	6	828	1,786	2,516	2,411	318	869
Winston.....	31	5	906	2,431	3,506	3,593	156	780
Yazoo.....	25	6	789	3,097	11,421	10,553	(D)	811

D Withheld to avoid disclosing data for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.<sup>2</sup>The Jackson, Mississippi Standard Metropolitan Statistical Area is coterminous with Hinds County, Mississippi.<sup>3</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 34.—GENERAL STATISTICS FOR MISSOURI, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES

See text for explanation of column captions.

Standard metropolitan statistical areas and counties	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Federal expenditures, \$1,000	All Federal expenditures, \$1,000	Federal expenditures, \$1,000
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	All adjusted (\$1,000)			
MISSOURI, TOTAL.....	6,447	2,224	380,749	1,757,310	3,162,764	3,201,407	165,977	829,430	1,127,266
STANDARD METROPOLITAN STATISTICAL AREAS									
Kansas City (Missouri)-Kansas City (Kansas), total <sup>2</sup> .....	1,626	585	102,645	523,147	1,036,626	1,054,356	61,114	117,501	1,339,442
Portion in Missouri.....	1,315	469	78,902	397,734	734,109	752,633	48,255	85,821	659,653
Portion in Kansas.....	311	116	23,743	125,413	302,517	301,723	12,859	31,680	379,989
St. Joseph <sup>3</sup> .....	121	57	11,729	50,853	92,121	94,281	3,093	11,768	64,441
St. Louis, total <sup>4</sup> .....	3,143	1,254	256,381	1,320,832	2,328,033	2,371,008	152,488	266,872	1,388,314
Portion in Missouri.....	2,684	1,072	202,234	1,025,069	1,779,111	1,782,408	85,187	210,661	1,368,179
Portion in Illinois.....	459	182	54,157	295,763	548,922	588,600	67,301	56,211	520,136
Springfield <sup>5</sup> .....	182	58	8,506	32,950	80,744	82,744	3,727	6,682	48,283
COUNTIES <sup>6</sup>									
Adair.....	21	7	1,102	3,035	6,331	6,431	164	637	2,771
Audrain.....	35	12	2,976	14,314	26,038	26,758	2,207	3,439	22,335
Barry.....	32	10	912	2,650	5,452	5,510	251	748	4,153
Barton.....	14	4	584	2,390	4,521	4,509	52	622	4,785
Benton.....	7	4	271	729	1,039	1,024	82	78	303
Bollinger.....	15	3	312	746	800	804	40	233	771
Boone.....	48	15	1,385	6,236	9,279	9,503	706	1,088	6,839
Buchanan.....	121	37	11,724	50,827	92,121	94,282	3,093	11,768	64,441
Butler.....	38	9	837	2,285	4,503	4,549	206	1,157	5,453
Callaway.....	14	7	1,034	3,394	7,159	7,315	368	1,180	7,496
Cape Girardeau.....	77	23	3,487	10,715	24,255	24,370	1,203	3,179	19,059
Carroll.....	14	2	255	895	2,137	2,183	173	235	740
Cass.....	24	7	489	1,493	1,756	1,641	55	437	1,877
Cedar.....	10	4	523	1,379	2,497	2,505	55	405	1,736
Clay.....	128	64	8,853	46,356	137,284	138,720	3,784	1,466	183,656
Cole.....	45	12	2,110	6,806	12,332	12,721	720	1,915	9,437
Cooper.....	22	6	885	2,469	4,262	4,554	60	813	2,574
Crawford.....	16	6	616	1,958	4,009	3,967	48	813	3,568
Daviess.....	10	2	309	665	952	968	17	238	800
Dent.....	21	2	624	1,444	3,184	3,240	69	711	3,117
Dunklin.....	25	7	707	1,669	3,028	3,131	122	922	3,342
Gasconade.....	14	6	1,480	3,896	8,355	8,201	102	1,323	7,440
Greene.....	182	58	8,506	32,950	80,744	82,744	3,727	6,682	48,283
Grundy.....	11	4	520	1,460	2,458	2,478	324	574	1,844
Henry.....	27	6	690	2,056	4,779	5,014	167	831	4,096
Howell.....	49	9	1,353	3,393	8,111	8,405	240	1,147	5,215
Iron.....	19	4	354	885	1,946	1,940	80	103	314
Jackson.....	1,187	405	67,310	334,333	596,825	613,852	44,711	68,137	59,446
Jasper.....	157	60	7,563	32,080	60,356	60,677	5,441	7,525	4,468
Jefferson.....	39	14	3,267	16,101	27,696	29,464	714	3,719	36,131
Johnson.....	21	10	993	3,036	5,105	5,150	103	700	4,743
Leclaire.....	31	8	779	2,314	3,744	3,732	362	968	3,710
Lafayette.....	31	8	878	2,401	4,451	4,491	271	784	3,235
Lawrence.....	35	12	1,541	4,749	14,018	14,178	449	1,107	4,307
Lewis.....	8	1	259	848	1,302	1,297	181	243	38
Lincoln.....	12	4	411	1,102	2,108	2,101	47	431	447
Linn.....	17	4	683	1,808	4,150	4,276	162	734	3,611
Macon.....	18	4	857	2,033	3,386	3,625	73	418	1,449
Marion.....	7	5	410	1,079	2,314	2,304	68	375	1,091
Marion.....	43	18	2,502	7,371	14,880	13,389	343	1,070	15,079
Miller.....	27	8	928	2,401	4,096	4,059	304	341	1,000
Mississippi.....	16	3	613	1,705	2,938	2,910	23	641	2,374
Moniteau.....	15	5	766	2,100	3,500	3,403	71	484	2,340
Montgomery.....	15	4	343	1,302	2,274	2,264	181	294	1,282
Morgan.....	11	4	297	747	1,335	1,343	104	294	1,009
Newton.....	34	13	1,047	9,264	11,067	10,628	371	644	4,415
Osage.....	24	5	410	900	1,223	1,217	131	331	811
Pemiscot.....	25	6	809	2,264	5,209	5,267	131	401	1,334
Perry.....	22	6	1,196	2,862	6,109	6,107	71	401	1,004
Pettis.....	41	17	2,226	7,582	14,248	14,262	131	401	1,004
Phelps.....	22	5	965	2,766	5,404	5,404	141	401	1,004
Pike.....	21	10	1,162	3,926	9,483	9,484	1,114	401	1,004
Randolph.....	38	11	757	2,398	6,090	6,090	401	401	1,004
St. Charles.....	42	7	1,470	7,405	10,861	10,861	401	401	1,004
St. Francois.....	42	10	1,518	4,261	7,792	7,803	1,114	401	1,004
St. Louis.....	475	155	48,157	263,119	433,432	431,445	17,445	35,070	36,687
St. Louis City <sup>7</sup> .....	2,128	896	137,818	662,049	1,377,122	1,311,344	11,000	11,000	11,000
Saline.....	29	10	2,154	5,664	12,319	12,375	131	1,700	4,407
Scott.....	30	13	2,208	6,099	9,441	9,497	43	2,100	6,000
Shannon.....	20	3	317	754	1,725	1,700	131	346	1,004

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 24.--GENERAL STATISTICS FOR MISSOURI, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	Value added by manufacture, unadjusted
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
MISSOURI--Continued								
COUNTIES <sup>2</sup> --Continued								
Stoddard.....	30	10	1,609	3,759	7,252	7,481	245	1,204
Stone.....	9	3	550	1,086	1,255	1,290	53	368
Texas.....	43	8	1,213	2,946	7,043	6,904	308	945
Vernon.....	13	4	340	877	1,617	1,696	18	255
Warren.....	15	5	611	2,295	3,830	3,735	316	527
Washington.....	9	4	669	1,584	2,696	2,682	19	489
Wright.....	23	2	865	2,181	3,394	3,428	130	520

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Kansas City, Missouri-Kansas Standard Metropolitan Statistical Area consists of Clay and Jackson Counties, Missouri, and Johnson and Wyandotte Counties, Kansas.

<sup>3</sup>The St. Joseph, Missouri Standard Metropolitan Statistical Area consists of Buchanan County, Missouri.

<sup>4</sup>The St. Louis, Missouri-Illinois Standard Metropolitan Statistical Area consists of St. Louis City and Jefferson, St. Charles, and St. Louis Counties, Missouri; and Madison and St. Clair Counties, Illinois.

<sup>5</sup>The Springfield, Missouri Standard Metropolitan Statistical Area consists of Greene County, Missouri.

<sup>6</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas, or (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

<sup>7</sup>Independent city.

Table 25.--GENERAL STATISTICS FOR MONTANA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	Value added by manufacture, unadjusted
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
MONTANA, TOTAL.....	917	173	20,095	93,754	185,632	185,163	19,884	18,519
STANDARD METROPOLITAN STATISTICAL AREAS								
(None in this State)								
COUNTIES <sup>2</sup>								
Cascade.....	56	21	2,720	12,725	43,329	35,864	1,309	2,559
Flathead.....	113	17	1,860	9,276	8,915	13,521	2,088	1,349
Gallatin.....	41	10	767	3,130	9,463	9,678	453	659
Lewis and Clark.....	37	10	721	3,445	5,762	4,436	354	842
Lincoln.....	80	6	1,430	6,810	11,614	10,714	1,540	1,417
Missoula.....	83	22	2,678	11,866	20,786	20,775	2,725	2,273
Havalli.....	25	5	296	1,213	2,071	2,012	260	302
Sanders.....	32	8	527	2,375	3,389	3,200	336	555
Silver Bow.....	48	14	1,095	5,363	11,317	11,445	1,073	1,151
Yellowstone.....	97	24	2,626	13,936	32,906	33,851	5,304	2,410

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 1. GENERAL STATISTICS FOR NEBRASKA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES

(See text for explanation of some captions)

Standard metropolitan statistical areas and counties	1958							
	Establishments, number		All employees <sup>1</sup>		Value added in manufacturing			Total manufacturing payroll
	Total	With 25 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	At basic prices	
NEBRASKA, TOTAL.....	1,536	411	58,653	204,808	507,689	537,093	48,007	1,111
STANDARD METROPOLITAN STATISTICAL AREAS								
Lincoln <sup>2</sup> .....	156	53	8,660	39,088	71,744	74,466	1,631	1,111
Omaha <sup>3</sup> .....	569	210	33,069	160,690	293,006	314,711	35,565	1,111
Portion in Nebraska.....	499	188	31,087	152,969	278,665	300,980	34,732	1,111
Portion in Iowa.....	70	22	1,982	7,721	14,341	13,731	833	1,111
COUNTIES <sup>4</sup>								
Adams.....	44	16	1,067	4,401	7,981	7,894	409	1,111
Buffalo.....	30	9	637	2,173	7,025	7,924	774	1,111
Davison.....	38	7	465	2,041	5,257	5,225	592	1,111
Dodge.....	48	11	2,233	10,001	17,718	18,308	480	1,111
Gage.....	16	8	1,072	3,992	8,397	8,974	176	1,111
Hall.....	49	15	968	3,949	8,362	8,683	321	1,111
Johnson.....	9	1	358	1,121	2,653	2,614	131	1,111
Lancaster.....	156	53	8,218	38,242	71,744	74,466	1,631	1,111
Lincoln.....	25	5	465	2,022	3,921	3,930	241	1,111
Madison.....	29	6	529	1,662	4,662	4,454	144	1,111
Nebraska.....	10	4	332	1,311	1,311	1,311	111	1,111
Otoe.....	15	7	768	2,796	6,125	6,397	454	1,111
Platte.....	34	13	2,191	9,479	19,271	21,312	1,122	1,111
Saline.....	16	4	567	2,250	3,622	3,832	422	1,111
Scotts Bluff.....	50	13	1,337	6,235	13,871	14,635	828	1,111
Seward.....	12	3	405	1,316	1,876	1,813	48	1,111
Washington.....	15	2	290	893	1,366	1,717	59	1,111

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For definition of these units see text.

<sup>2</sup>The Lincoln Standard Metropolitan Statistical Area consists of Lancaster County, Nebraska.

<sup>3</sup>The Omaha Standard Metropolitan Statistical Area consists of Douglas and Sarpy Counties, Nebraska; and Pottawattamie County, Iowa.

<sup>4</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.



## 1958 CENSUS OF MANUFACTURES

Table 27.--GENERAL STATISTICS FOR NEVADA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
NEVADA, TOTAL.....	206	45	4,979	26,866	69,003	69,043	5,156	5,717	62,672
STANDARD METROPOLITAN STATISTICAL AREAS (None in this State)									
COUNTIES <sup>2</sup>									
Clark.....	71	16	2,380	13,686	38,888	37,883	2,728	3,109	39,169
Washoe.....	92	24	1,891	9,490	18,151	19,314	1,120	1,666	13,974

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 28.--GENERAL STATISTICS FOR NEW HAMPSHIRE, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

(See text for explanation of column captions)

Standard metropolitan statistical area and county	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unad- justed (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad- justed (\$1,000)	Ad- justed (\$1,000)			
NEW HAMPSHIRE, TOTAL.....	1,454	499	79,892	301,982	490,838	494,675	24,543	77,332	408,826
STANDARD METROPOLITAN STATISTICAL AREAS									
Lawrence-Haverhill <sup>2</sup> .....	465	204	36,378	149,214	248,487	244,345	15,105	(NA)	(NA)
Manchester <sup>3</sup> .....	236	108	18,132	63,662	105,608	98,726	3,634	18,702	92,808
COUNTIES <sup>4</sup>									
Belknap.....	86	27	3,686	15,015	27,819	26,368	1,117	3,844	21,367
Carroll.....	67	11	827	2,435	4,126	4,255	255	816	3,105
Cheshire.....	138	52	6,986	27,036	45,443	46,143	4,631	6,006	34,971
Cook.....	104	25	4,939	19,939	39,912	40,006	2,899	5,297	33,288
Grafton.....	132	36	4,231	15,242	24,360	24,765	622	3,901	17,797
Hillsborough.....	399	182	32,514	120,523	190,525	192,328	7,293	31,616	166,355
Merrimack.....	163	56	5,908	21,574	34,092	35,745	2,355	5,648	26,660
Rockingham.....	159	38	6,319	22,704	35,980	36,501	2,943	5,852	28,229
Strafford.....	121	52	10,451	38,789	66,497	67,218	1,354	10,505	57,512
Sullivan.....	73	19	2,766	10,919	20,507	20,603	1,062	3,581	19,536

NA Not available.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Lawrence-Haverhill Standard Metropolitan Statistical Area consists of Lawrence and Haverhill cities and Andover, Groveland, Methuen and North Andover towns in Essex County Massachusetts and Plaistow and Salem towns in Rockingham County, New Hampshire.

<sup>3</sup>The Manchester, New Hampshire Standard Metropolitan Statistical Area consists of Manchester City and Goffstown town in Hillsborough County, New Hampshire.

<sup>4</sup>The sum of the county figures will not equal the figures shown for the State because there were thirteen small establishments with total employment of approximately two hundred for which the correct county codes were not available in time for this report. The county data will be corrected for the final State report.



## 1958 CENSUS OF MANUFACTURES

Table 10.—GENERAL STATISTICS FOR NEW JERSEY, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES

(See text for explanation of column captions.)

Standard metropolitan statistical area and county	1958							
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Depreciation, \$1,000	Total manufacturing assets, \$1,000
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
NEW JERSEY, TOTAL.....	14,042	5,012	797,524	4,069,626	7,576,759	7,576,759	430,824	11,114,114
STANDARD METROPOLITAN STATISTICAL AREAS								
Allentown-Bethlehem-Easton, total <sup>2</sup> .....	1,00	542	95,352	434,253	734,062	695,555	47,238	9,447,114
Portion in New Jersey.....	125	54	11,149	50,539	90,088	85,739	4,218	1,114,114
Portion in Pennsylvania.....	873	488	84,203	383,714	643,974	609,814	36,470	8,333,000
Atlantic City <sup>3</sup> .....	268	84	7,170	23,302	38,813	38,844	1,783	25,384
Jersey City <sup>4</sup> .....	2,401	806	124,531	622,971	1,213,446	1,216,339	40,363	1,119,114
Newark <sup>5</sup> .....	4,425	1,596	244,305	1,276,507	2,316,123	2,308,797	122,869	2,114,114
New York-Northeastern New Jersey (Consolidated area) <sup>6</sup> .....	59,573	15,747	1,855,147	9,008,331	15,293,350	15,443,046	66,914	10,114,114
Paterson-Clifton-Passaic <sup>7</sup> .....	3,346	1,143	161,347	812,668	1,517,781	1,505,808	46,636	2,114,114
Philadelphia, total <sup>8</sup> .....	8,137	3,162	538,527	2,739,096	4,845,268	4,837,377	1,102	1,119,114
Portion in New Jersey.....	986	325	72,097	398,041	690,140	693,800	17,560	1,114,114
Portion in Pennsylvania.....	7,151	2,837	466,430	2,341,055	4,155,128	4,143,576	232,389	1,119,114
Trenton <sup>9</sup> .....	446	188	36,858	185,647	342,391	335,113	11,620	1,114,114
Wilmington, total <sup>10</sup> .....	368	153	56,625	372,043	455,168	451,659	13,293	1,114,114
Portion in New Jersey.....	62	22	10,481	67,736	144,332	143,039	13,046	1,114,114
Portion in Delaware.....	306	131	46,144	304,307	310,836	308,620	20,247	1,114,114
COUNTIES <sup>11</sup>								
Atlantic.....	268	84	7,170	23,302	38,813	38,844	1,783	25,384
Bergen.....	1,793	565	82,151	430,966	842,049	843,987	27,956	82,318
Burlington.....	267	94	15,261	80,090	175,194	175,443	9,495	13,353
Camden.....	557	177	43,780	238,803	420,709	427,168	21,488	36,045
Cape May.....	66	20	1,464	4,890	11,600	11,466	1,739	1,471
Cumberland.....	266	124	19,893	78,258	135,576	139,434	18,354	109,442
Essex.....	2,776	985	127,178	624,205	1,157,157	1,135,408	46,752	145,161
Gloucester.....	162	54	9,503	49,576	94,237	91,189	26,577	9,484
Hudson.....	2,401	806	121,126	596,705	1,213,446	1,216,339	46,383	1,119,114
Hunterdon.....	106	42	4,524	19,615	41,394	42,489	2,434	3,540
Mercer.....	446	188	35,578	174,907	342,391	335,113	11,620	38,289
Middlesex.....	707	344	64,176	334,775	721,890	727,798	63,514	603,442
Monmouth.....	463	152	14,573	59,333	111,106	108,996	(D)	14,014
Morris.....	416	128	22,377	116,172	270,337	272,997	15,312	17,651
Passaic.....	1,553	578	76,681	366,363	675,732	661,821	21,680	72,310
Salem.....	62	22	10,481	67,736	144,332	143,039	13,046	1,114,114
Somerset.....	149	65	18,049	97,765	172,872	172,666	11,397	15,669
Union.....	1,233	483	78,903	421,434	915,629	900,392	60,805	11,174
Warren.....	126	54	11,142	50,507	90,088	85,739	9,818	1,114,114

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.<sup>2</sup>The Allentown-Bethlehem-Easton Standard Metropolitan Statistical Area consists of Lehigh and Northampton Counties, Pennsylvania, and Warren County, New Jersey.<sup>3</sup>The Atlantic City Standard Metropolitan Statistical Area consists of Atlantic County, New Jersey.<sup>4</sup>The Jersey City Standard Metropolitan Statistical Area consists of Hudson County, New Jersey.<sup>5</sup>The Newark Standard Metropolitan Statistical Area consists of Essex, Morris, and Union Counties, New Jersey.<sup>6</sup>The New York-Northeastern New Jersey Standard Metropolitan Statistical Area consists of New York City (Bronx, Kings, New York, Queens, and Richmond Counties); Nassau, Rockland, Suffolk, and Westchester Counties, New York; Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union Counties, New Jersey. This area is a consolidation of the New York, Newark, Jersey City, Paterson-Clifton-Passaic Standard Metropolitan Areas and the Middlesex and Somerset Counties, New Jersey.<sup>7</sup>The Paterson-Clifton-Passaic Standard Metropolitan Statistical Area consists of Bergen and Passaic Counties, New Jersey.<sup>8</sup>The Philadelphia Standard Metropolitan Statistical Area consists of Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania; and Burlington, Camden, and Gloucester Counties, New Jersey.<sup>9</sup>The Trenton Standard Metropolitan Statistical Area consists of Mercer County, New Jersey.<sup>10</sup>The Wilmington Standard Metropolitan Statistical Area consists of New Castle County, Delaware; and Salem County, New Jersey.<sup>11</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties are withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas; or (b) permit further detailed publication for the smaller counties. Additional publishable detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 30.--GENERAL STATISTICS FOR NEW MEXICO, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	All employees, number <sup>2</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
NEW MEXICO, TOTAL.....	664	152	20,278	104,215	206,153	209,135	15,585	15,061	126,326
STANDARD METROPOLITAN STATISTICAL AREA									
Albuquerque <sup>2</sup> .....	204	57	13,216	77,031	150,346	153,847	7,621	9,378	85,740
COUNTIES <sup>3</sup>									
Bernalillo.....	204	57	13,152	76,708	150,346	153,847	7,621	9,281	85,740
Chaves.....	40	12	798	3,065	8,911	9,068	546	912	3,735
Colfax.....	30	4	391	1,140	1,972	1,838	286	248	1,119
Curry.....	29	8	415	1,569	2,866	3,143	376	313	2,004
Dona Ana.....	22	6	426	1,262	2,795	3,078	224	361	2,236
Eddy.....	31	10	660	3,248	6,673	6,674	2,147	602	6,040
Lea.....	38	5	450	2,395	6,594	7,014	243	354	5,280
McKinley.....	16	7	387	1,459	4,342	4,296	(D)	134	1,801
Otero.....	13	3	302	1,391	1,961	1,985	108	275	2,079
San Juan.....	30	6	436	2,139	4,361	4,624	387	83	375
San Miguel.....	13	1	326	746	1,200	1,034	31	141	378
Santa Fe.....	37	7	646	2,503	4,251	4,371	163	450	1,595

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.<sup>2</sup>The Albuquerque Standard Metropolitan Statistical Area consists of Bernalillo County, New Mexico.<sup>3</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated area or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 31.--GENERAL STATISTICS FOR NEW YORK, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	All employees, number <sup>2</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
NEW YORK, TOTAL.....	48,709	15,117	1,932,065	9,642,691	15,931,271	15,983,483	678,505	2,006,843	14,140,524
STANDARD METROPOLITAN STATISTICAL AREAS									
Albany-Schenectady-Troy <sup>2</sup> .....	752	281	73,959	400,315	655,061	639,161	36,658	89,898	634,665
Binghamton <sup>3</sup> .....	303	134	39,553	193,979	251,788	242,358	12,280	42,147	268,720
Buffalo <sup>4</sup> .....	1,830	706	176,890	995,725	1,784,789	1,755,042	109,814	203,357	1,677,778
New York <sup>5</sup> .....	39,310	11,795	1,190,581	5,845,648	9,351,258	9,471,641	311,155	1,207,224	8,133,224
New York-Northeastern New Jersey <sup>6</sup> .....	50,538	15,747	1,805,147	9,008,381	15,295,550	15,405,046	606,914	1,838,401	13,115,922
Rochester <sup>7</sup> .....	1,020	338	106,681	599,201	1,094,192	1,096,424	54,641	114,555	919,779
Syracuse <sup>8</sup> .....	769	283	68,901	363,414	671,373	674,343	25,555	70,112	553,701
Utica-Rome <sup>9</sup> .....	475	170	40,565	194,849	351,984	352,719	17,301	43,125	328,206

See footnotes at end of table.

## 1956 CENSUS OF MANUFACTURES

Tab. 1.—GENERAL STATISTICS FOR NEW YORK STATE—STANDARD METROPOLITAN STATISTICAL AREAS

(See text for explanation of symbols and footnotes)

Standard Metropolitan Statistical Areas and Counties	Establishments, number		All employees		Wages paid to manufacturing		Value added in manufacturing	Value added in manufacturing	Value added in manufacturing	
	Total	With 20 or more employees	Number	Payroll \$1,000	Unadjusted (\$1,000)	Adjusted (\$1,000)				
NEW YORK--Continued										
COUNTIES <sup>10</sup>										
Albany.....	508	132	21,385	200,872	185,416	179,877	1,481	1,481	1,481	
Allegany.....	40	17	3,114	16,162	33,807	78,334	1,481	1,481	1,481	
Brook.....	2,088	702	53,864	217,677	375,311	98,807	16,401	1,481	1,481	
Broome.....	303	134	38,065	186,391	251,788	247,145	16,285	4,801	4,801	
Cattaraugus.....	135	54	8,257	36,519	62,368	67,608	2,619	3,701	3,701	
Cayuga.....	119	41	6,913	29,607	44,302	42,313	2,507	3,131	3,131	
Chautauque.....	701	119	20,670	100,552	170,909	168,607	7,789	42,704	42,704	
Chemung.....	106	44	14,967	69,821	131,962	135,000	4,987	16,200	16,200	
Clinton.....	63	18	2,248	9,833	31,291	31,096	997	2,300	2,300	
Columbia.....	85	37	5,907	16,799	30,811	31,406	4,255	4,182	4,182	
Cortland.....	93	38	4,774	19,091	33,455	33,962	4,901	4,901	4,901	
Delaware.....	83	21	5,659	25,481	43,774	44,648	2,260	7,762	7,762	
Dutchess.....	214	95	22,250	111,476	129,458	129,474	23,250	41,101	41,101	
Essex.....	1,514	571	128,551	715,576	1,293,717	1,275,544	168,647	1,213,297	1,213,297	
Franklin.....	78	12	2,093	9,131	14,145	13,991	2,971	1,935	1,935	
Fulton.....	64	16	1,533	4,567	7,942	8,267	604	1,972	1,972	
Genesee.....	265	93	8,887	29,844	48,750	49,279	2,234	7,235	7,235	
Greene.....	84	31	5,747	27,628	55,940	56,717	2,094	7,668	7,668	
Herkimer.....	62	19	1,964	7,936	16,628	16,903	518	1,896	1,896	
Jefferson.....	117	47	8,720	35,600	74,304	77,106	2,176	12,500	12,500	
Kings.....	131	34	5,977	26,691	51,110	45,698	2,267	6,288	6,288	
Lewis.....	7,532	2,593	228,447	956,424	1,793,791	1,813,760	66,992	35,634	1,570,192	
Livingston.....	48	14	1,895	8,001	13,083	13,858	814	1,771	1,771	
Madison.....	60	22	3,517	14,881	26,833	26,449	1,964	2,948	2,948	
Montgomery.....	62	23	3,088	8,604	11,289	11,849	531	2,395	2,395	
Nassau.....	1,020	338	103,340	570,150	1,094,192	1,096,424	44,641	111,385	919,779	
Oneida.....	112	51	8,866	29,188	58,217	57,238	2,908	15,682	15,682	
Orleans.....	1,628	430	80,407	427,016	712,500	739,723	23,334	69,123	554,901	
New York.....	22,931	6,208	482,662	2,307,078	4,109,371	4,155,778	119,170	529,445	3,761,240	
Niagara.....	316	135	44,791	256,247	491,072	479,400	43,190	2,558	463,881	
Onondaga.....	358	123	31,544	157,209	277,680	275,613	15,125	70,460	216,749	
Oswego.....	598	214	55,827	299,569	579,743	577,982	1,104	17,400	478,545	
Otsego.....	98	48	4,185	17,994	30,068	29,941	1,215	4,379	23,700	
Orange.....	375	166	16,145	61,403	108,909	108,146	5,360	15,556	93,332	
Orleans.....	41	20	2,004	7,797	20,468	20,790	860	2,700	18,046	
Oswego.....	109	46	8,130	38,380	80,341	84,511	3,609	7,300	61,797	
Otsego.....	62	24	1,495	5,114	8,697	8,985	459	1,775	4,991	
Queens.....	2,866	1,042	134,329	636,925	1,140,458	1,154,655	29,881	127,033	944,623	
Rensselaer.....	178	67	11,517	45,506	107,400	104,580	3,853	13,271	76,454	
Richmond.....	215	86	9,993	49,384	128,236	131,516	6,035	17,511	112,382	
Rockland.....	161	61	11,486	50,500	212,146	213,676	10,907	13,513	130,513	
St. Lawrence.....	113	33	6,790	34,488	58,069	58,788	18,200	7,901	75,611	
Saratoga.....	115	39	7,189	31,867	59,580	59,117	8,016	4,957	43,957	
Schenectady.....	131	43	23,282	143,947	312,665	295,627	7,800	16,280	109,134	
Schoharie.....	32	8	1,061	4,166	10,038	10,223	2,087	745	3,113	
Schuyler.....	19	7	1,174	5,530	14,804	14,642	1,446	1,100	9,720	
Seneca.....	15	13	3,093	14,000	25,207	24,597	491	3,141	16,870	
Steuben.....	119	39	13,535	66,735	104,808	103,340	9,765	14,234	111,700	
Suffolk.....	740	207	32,417	178,442	269,905	268,871	9,099	41,410	345,840	
Tioga.....	50	14	4,536	26,202	64,576	67,212	1,923	1,411	8,200	
Tompkins.....	72	18	5,487	24,065	41,395	4,746	1,303	4,600	29,940	
Ulster.....	240	69	12,779	60,850	88,382	98,127	9,995	9,185	4,110	
Warren.....	106	30	4,554	19,494	35,105	35,466	1,920	4,961	21,700	
Washington.....	89	31	4,986	23,349	45,711	44,175	1,652	9,914	9,900	
Wayne.....	110	37	6,993	28,969	54,740	54,429	2,416	7,833	38,100	
Westchester.....	1,354	464	56,375	264,250	609,490	612,261	26,732	51,200	461,408	
Wyoming.....	52	18	2,860	10,314	21,045	20,491	780	2,400	18,115	
Yates.....	31	13	1,043	3,873	6,800	6,674	130	1,100	4,100	

D Withheld to avoid disclosing figures for individual companies. <sup>1</sup> The employment and payroll figures for the central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup> The Albany-Schenectady-Troy Standard Metropolitan Statistical Area consists of Albany, Rensselaer, Saratoga, and Schoenectady Counties, New York. <sup>3</sup> The Binghamton Standard Metropolitan Statistical Area consists of Broome, Chenango, and Sullivan Counties, New York. <sup>4</sup> The Buffalo Standard Metropolitan Statistical Area consists of Erie and Niagara Counties, New York. <sup>5</sup> The New York City Standard Metropolitan Statistical Area consists of New York City (Bronx, Kings, New York, Queens, and Richmond Counties), and Nassau, Rockland, and Westchester Counties, New York.

<sup>6</sup> The New York-Northern New Jersey Standard Metropolitan Statistical Area consists of New York City (Bronx, Kings, New York, Queens, and Richmond Counties), Nassau, Rockland, and Westchester Counties, New York; Bergen, Essex, Hudson, and Union Counties, New Jersey. This area is a consolidation of the New York, Newark, Jersey City, and Union County Standard Metropolitan Statistical Areas plus Middlesex and Somerset Counties, New Jersey. <sup>7</sup> The Rochester Standard Metropolitan Statistical Area consists of Monroe County, New York.

<sup>8</sup> The Syracuse Standard Metropolitan Statistical Area consists of Madison, Onondaga, and Oswego Counties, New York. <sup>9</sup> The Utica-Rensselaer Standard Metropolitan Statistical Area consists of Herkimer and Oneida Counties, New York. <sup>10</sup> The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publication detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 32.--GENERAL STATISTICS FOR NORTH CAROLINA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical area and county	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employ-ees	Number	Payroll (\$1,000)	Unad-justed (\$1,000)	Ad-justed (\$1,000)			
NORTH CAROLINA, TOTAL.....	7,293	2,641	463,681	1,492,773	3,079,901	3,107,880	170,828	434,934	2,210,463
STANDARD METROPOLITAN STATISTICAL AREAS									
Asheville <sup>2</sup> .....	156	60	12,174	43,797	72,423	68,895	7,090	11,086	54,838
Charlotte <sup>3</sup> .....	449	176	25,570	100,622	186,777	189,814	8,172	22,375	128,744
Durham <sup>4</sup> .....	132	48	12,603	46,421	203,822	205,486	6,702	13,213	144,539
Greensboro-High Point <sup>5</sup> .....	577	257	42,211	144,882	315,634	316,636	12,656	38,588	169,106
Raleigh <sup>6</sup> .....	177	56	7,191	24,808	48,944	49,404	6,122	2,736	25,885
Winston-Salem <sup>7</sup> .....	209	87	35,663	150,965	433,363	446,589	15,691	31,771	303,756
COUNTIES <sup>8</sup>									
Alamance.....	197	108	18,857	65,192	123,703	124,020	3,724	18,639	104,532
Alexander.....	45	12	1,450	3,570	4,756	4,684	217	1,027	3,309
Alleghany.....	9	2	549	1,179	1,737	1,786	23	509	1,070
Anson.....	57	10	1,553	4,146	6,893	6,741	458	1,552	5,352
Ashe.....	45	6	1,022	2,481	5,133	5,210	509	540	1,723
Avery.....	17	2	354	959	1,822	1,789	79	336	1,150
Beaufort.....	62	14	1,371	3,485	9,359	9,064	483	1,028	3,374
Bertie.....	43	7	806	1,990	4,238	4,042	457	895	3,361
Bladen.....	67	8	1,512	3,120	4,382	3,887	371	1,583	4,442
Brunswick.....	35	7	687	1,953	4,952	5,353	343	485	2,547
Buncombe.....	156	60	12,162	43,758	72,423	68,895	7,090	11,071	54,838
Burke.....	99	51	9,493	28,404	50,987	53,381	4,355	8,291	36,168
Cabarrus.....	70	35	21,933	64,064	90,222	90,978	4,140	22,239	76,384
Caldwell.....	95	48	9,756	28,584	49,700	48,300	2,142	9,041	39,351
Carteret.....	46	11	1,094	2,896	6,287	6,579	503	973	3,292
Catawba.....	341	179	18,598	52,631	98,518	99,187	4,621	15,568	59,972
Chatham.....	81	22	2,918	7,658	14,526	14,871	780	3,302	13,795
Cherokee.....	26	7	740	1,934	2,936	3,183	311	910	2,377
Chowan.....	19	7	544	1,255	1,695	1,752	102	423	1,293
Cleveland.....	117	51	7,889	22,860	36,837	36,815	1,426	7,995	28,396
Columbus.....	59	16	2,220	8,193	17,972	18,592	(D)	2,189	13,972
Craven.....	65	26	2,006	6,081	10,735	11,335	521	1,762	6,857
Cumberland.....	83	32	3,753	10,821	20,083	20,763	1,164	4,187	16,813
Davidson.....	232	80	15,975	41,692	75,705	74,785	3,184	13,424	52,842
Davie.....	44	8	1,962	5,844	10,459	10,654	557	1,923	7,532
Duplin.....	41	8	1,236	3,527	6,665	5,351	542	1,138	5,260
Durham.....	132	48	12,524	45,672	203,822	205,486	6,702	13,076	144,539
Edgecombe.....	52	17	2,387	6,779	8,986	10,102	557	2,446	10,442
Forsyth.....	209	87	33,431	135,133	433,363	446,589	15,691	29,930	303,756
Franklin.....	35	8	1,067	2,967	4,535	4,599	446	1,236	3,425
Gaston.....	248	138	27,916	83,209	152,670	156,445	9,012	27,192	115,165
Gates.....	25	6	293	568	758	749	149	213	719
Graham.....	7	2	270	735	873	884	850	237	927
Granville.....	44	13	1,294	3,434	6,265	6,240	401	1,382	4,973
Guilford.....	577	257	40,479	133,030	315,634	316,636	12,656	37,380	169,106
Halifax.....	85	20	4,665	14,730	26,807	26,018	2,621	5,713	23,244
Harnett.....	49	13	2,730	7,306	16,214	15,461	1,113	2,632	9,071
Haywood.....	29	11	5,213	26,126	39,354	40,958	(D)	4,961	48,436
Henderson.....	56	22	3,283	11,668	22,477	21,890	1,475	2,348	9,641
Hertford.....	33	8	1,201	2,941	4,499	4,439	282	1,030	3,704
Hoke.....	9	5	1,805	6,118	12,428	9,158	151	1,062	3,985
Iredell.....	155	73	11,126	33,406	63,630	62,008	3,718	9,349	37,397
Johnston.....	78	24	2,812	6,713	9,869	9,870	1,175	2,531	8,294
Lee.....	77	26	3,934	11,503	18,068	18,028	1,041	3,472	14,420
Lenoir.....	55	27	4,346	19,948	63,118	63,442	5,936	4,278	40,312
Lincoln.....	64	19	2,671	6,567	10,212	9,740	821	3,061	9,697
McDowell.....	44	21	4,423	12,700	27,908	29,285	1,670	5,026	23,811
Macon.....	33	5	762	2,040	3,888	3,951	280	369	1,486
Madison.....	18	4	446	1,110	2,080	2,265	177	154	712
Martin.....	44	9	2,196	8,102	15,070	14,810	1,706	907	3,324
Mecklenburg.....	449	176	24,567	94,212	186,777	189,814	8,172	21,635	128,740
Mitchell.....	29	10	2,020	2,417	3,353	3,417	389	590	1,891
Montgomery.....	100	26	4,000	9,235	16,674	16,648	589	3,392	10,597
Moore.....	84	15	2,619	6,994	11,032	12,091	928	2,657	10,925
Nash.....	76	34	4,243	12,951	29,380	30,192	1,714	3,905	21,510
New Hanover.....	106	39	4,915	15,124	25,051	24,595	1,015	5,129	25,820
Northampton.....	44	10	1,069	2,367	3,361	3,407	352	638	2,018
Orange.....	43	8	1,356	3,602	7,762	6,595	432	1,651	6,921
Pasquotank.....	46	15	1,620	4,279	7,411	7,390	348	1,538	5,531
Pender.....	33	4	402	642	554	547	152	434	1,330
Person.....	44	7	2,434	6,737	10,257	10,807	734	2,125	7,405
Pitt.....	68	21	1,748	5,379	10,801	10,294	930	2,141	7,805
Polk.....	30	9	1,182	3,166	4,500	4,288	188	1,204	4,163
Randolph.....	202	75	12,114	36,217	73,413	74,921	4,545	11,807	51,826
Richmond.....	61	19	3,326	9,910	17,976	17,594	1,022	4,349	17,760
Robeson.....	72	30	2,957	8,133	21,017	21,265	1,270	2,983	10,579

See footnotes at end of table.



## 1958 CENSUS OF MANUFACTURES

Table 32.—GENERAL STATISTICS FOR NORTH CAROLINA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958

(See text for explanation of column captions)

Region and State	1958						Total Value added by manu- facture (\$1,000)	Total Value added by manu- facture (\$1,000)	Total Value added by manu- facture (\$1,000)
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture				
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad- justed (\$1,000)	Ad- justed (\$1,000)			
NORTH CAROLINA--Continued									
COUNTIES <sup>2</sup> --Continued									
Rockingham.....	89	43	10,874	35,330	118,000	10,184	1,000	1,000	1,000
Rowan.....	126	48	7,708	22,972	31,568	9,113	1,000	1,000	1,000
Rutherford.....	72	24	7,047	21,610	31,203	10,184	1,000	1,000	1,000
Sampson.....	86	22	1,738	4,047	6,559	1,896	1,000	1,000	1,000
Scotland.....	32	15	3,307	8,852	13,894	19,852	1,000	1,000	1,000
Stanly.....	73	26	6,608	20,775	26,517	37,097	1,000	1,000	1,000
Stokes.....	25	4	429	818	1,768	1,760	1,000	1,000	1,000
Surry.....	107	43	9,597	27,465	39,913	41,739	1,000	1,000	1,000
Swain.....	15	4	295	893	1,510	1,384	1,000	1,000	1,000
Transylvania.....	21	8	2,885	13,226	28,786	28,127	1,000	1,000	1,000
Union.....	61	24	2,129	5,485	9,367	10,114	1,000	1,000	1,000
Vance.....	27	17	2,117	5,569	10,103	9,820	1,000	1,000	1,000
Wake.....	177	56	7,030	23,917	48,044	49,404	1,000	1,000	1,000
Warren.....	43	8	698	1,361	2,112	2,047	1,000	1,000	1,000
Watauga.....	29	1	265	674	1,807	1,721	1,000	1,000	1,000
Wayne.....	73	25	2,602	7,340	13,553	15,654	1,000	1,000	1,000
Wilkes.....	117	26	3,424	8,852	14,827	14,871	1,000	1,000	1,000
Wilson.....	87	30	3,224	8,943	18,980	20,688	1,000	1,000	1,000
Yadkin.....	40	4	305	743	1,390	1,442	1,000	1,000	1,000
Yancey.....	18	7	603	1,652	2,011	2,317	1,000	1,000	1,000

<sup>1</sup> Withheld to avoid disclosing data for individual companies.<sup>2</sup> The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.<sup>3</sup> The Asheville, North Carolina Standard Metropolitan Statistical Area is coterminous with Buncombe County in North Carolina.<sup>4</sup> The Charlotte, North Carolina Standard Metropolitan Statistical Area is coterminous with Mecklenburg County in North Carolina.<sup>5</sup> The Durham, North Carolina Standard Metropolitan Statistical Area is coterminous with Durham County, North Carolina.<sup>6</sup> The Greensboro-High Point, North Carolina Standard Metropolitan Statistical Area is coterminous with Guilford County in North Carolina.<sup>7</sup> The Raleigh, North Carolina Standard Metropolitan Statistical Area is coterminous with Wake County in North Carolina.<sup>8</sup> The Winston-Salem, North Carolina Standard Metropolitan Statistical Area is coterminous with Forsyth County in North Carolina.<sup>9</sup> The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county in this or associated industries or areas, or (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 33.—GENERAL STATISTICS FOR NORTH DAKOTA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	Value added by manu- facture, unad- justed
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad- justed (\$1,000)	Ad- justed (\$1,000)		
NORTH DAKOTA, TOTAL.....	413	80	6,533	26,602	11,100	13,034	8,775	3,100
STANDARD METROPOLITAN STATISTICAL AREAS (None in this State)								
COUNTIES <sup>1</sup>								
Burleigh.....	27	8	534	2,198	4,352	4,628	340	1,100
Cass.....	54	18	1,975	8,880	10,470	16,863	1,000	1,000
Grand Forks.....	30	8	581	2,272	4,060	5,222	1,000	1,000
Ward.....	43	11	621	2,506	5,818	5,900	1,000	1,000

<sup>1</sup> The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in final report for this State.



Table 34.--GENERAL STATISTICS FOR OHIO, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 and 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
OHIO, TOTAL.....	14,944	5,554	1,192,644	6,434,353	11,321,157	11,426,396	781,428	1,292,692	10,154,385
STANDARD METROPOLITAN STATISTICAL AREAS									
Akron <sup>2</sup> .....	695	229	82,819	473,078	731,086	755,312	55,703	88,561	619,497
Canton <sup>3</sup> .....	472	186	50,981	268,252	492,906	503,083	26,170	56,925	449,371
Cincinnati <sup>4</sup> .....	1,784	769	151,680	809,695	1,493,454	1,501,800	103,560	154,281	1,318,668
Portion in Ohio.....	1,617	712	144,080	772,140	1,423,661	1,431,274	100,719	145,056	1,236,313
Portion in Kentucky.....	167	57	7,600	37,555	69,793	70,526	2,841	9,225	82,355
Cleveland <sup>5</sup> .....	3,896	1,387	264,923	1,511,949	2,452,306	2,488,081	141,667	301,714	2,401,375
Columbus <sup>6</sup> .....	836	306	69,408	363,772	613,870	619,741	47,516	73,633	581,383
Dayton <sup>7</sup> .....	926	366	97,053	552,855	926,187	911,902	41,508	107,218	818,081
Hamilton-Middletown <sup>8</sup> .....	182	90	30,941	191,715	328,056	317,529	25,738	33,052	310,319
Huntington-Ashland <sup>9</sup> .....	273	106	22,829	118,170	243,060	244,252	25,632	24,722	209,703
Portion in Ohio.....	47	24	4,317	21,672	49,673	50,423	4,789	4,561	51,710
Portion in West Virginia.....	184	67	12,301	57,699	116,128	113,395	7,547	14,660	109,666
Portion in Kentucky.....	42	15	6,211	38,799	77,259	80,434	13,296	5,501	48,327
Lima <sup>10</sup> .....	153	56	13,664	72,000	144,747	139,569	6,537	14,722	99,158
Lorain-Elyria <sup>11</sup> .....	243	84	24,434	141,698	254,493	260,027	26,961	30,528	282,297
Springfield <sup>12</sup> .....	205	78	13,079	69,595	128,964	128,030	6,286	16,823	136,505
Steubenville-Weirton <sup>13</sup> .....	158	75	29,909	173,596	341,123	353,473	29,626	32,581	268,683
Portion in Ohio.....	86	36	11,105	64,085	118,088	124,516	18,430	11,678	96,985
Portion in West Virginia.....	72	39	18,804	109,511	223,035	228,957	11,196	20,903	189,698
Toledo <sup>14</sup> .....	726	246	58,232	337,771	550,140	569,765	48,416	63,639	525,501
Wheeling <sup>15</sup> .....	200	80	17,205	85,571	157,246	149,253	9,422	18,787	117,448
Portion in Ohio.....	72	24	4,046	19,271	29,358	28,405	969	4,256	23,516
Portion in West Virginia.....	128	56	13,159	66,300	127,888	120,848	8,453	14,531	93,932
Youngstown <sup>16</sup> .....	567	252	76,713	428,342	736,930	730,087	53,183	86,780	685,996
COUNTIES <sup>17</sup>									
Adams.....	21	3	326	989	1,761	1,800	39	293	1,401
Allen.....	153	56	13,647	71,852	144,747	139,569	6,537	14,691	99,158
Ashland.....	65	27	5,090	23,602	42,359	42,818	1,891	5,077	31,436
Ashtabula.....	48	55	6,984	35,411	77,209	76,847	7,153	8,037	61,162
Athens.....	36	11	2,036	11,026	18,118	17,627	1,241	2,003	12,118
Auriana.....	68	28	4,290	19,829	32,763	33,517	1,378	4,220	30,612
Belmont.....	72	24	4,046	19,271	29,358	28,405	969	4,256	23,516
Butler.....	182	90	29,149	171,406	328,056	317,529	25,738	31,764	310,319
Carroll.....	28	16	1,556	7,211	13,732	13,362	351	1,939	10,555
Champaign.....	31	15	1,870	8,595	16,909	16,918	2,593	1,558	13,050
Clark.....	205	78	13,079	69,595	128,964	128,030	6,286	16,823	136,505
Clermont.....	37	6	547	1,700	2,836	2,509	105	630	2,479
Clinton.....	53	16	1,884	8,236	14,732	14,677	1,180	1,781	10,975
Columbiana.....	198	77	10,348	47,696	72,306	70,235	5,111	12,129	79,935
Coshocton.....	68	22	3,671	16,287	34,308	36,309	1,953	3,993	30,748
Crawford.....	94	37	7,484	35,715	64,098	63,804	2,416	6,487	42,636
Cuyahoga.....	3,679	1,313	241,367	1,354,924	2,348,080	2,387,425	132,544	279,139	2,296,567
Defiance.....	68	18	3,937	20,338	34,819	35,153	2,837	4,267	29,303
Delaware.....	43	20	1,863	8,436	19,202	19,094	1,895	1,617	17,456
Erie.....	129	52	10,222	51,638	92,386	89,153	3,070	9,085	72,044
Fairfield.....	71	32	7,224	31,806	55,458	59,019	1,537	7,106	42,884
Fayette.....	35	18	1,444	6,327	11,227	11,020	2,380	1,127	7,654
Franklin.....	836	306	68,689	358,880	613,870	619,741	47,516	72,936	581,383
Fulton.....	65	25	2,178	9,173	20,696	21,447	722	2,234	14,527
Geauga.....	67	18	2,227	9,916	16,760	17,031	705	1,880	12,617
Greene.....	64	26	2,386	11,799	25,628	25,811	2,287	2,524	22,670
Guernsey.....	55	26	3,526	13,488	32,427	29,803	1,093	3,015	15,157
Hamilton.....	1,617	712	137,842	726,517	1,423,661	1,431,274	100,719	142,139	1,236,313
Hancock.....	89	30	5,219	23,606	42,849	40,182	3,656	4,744	32,198
Hardin.....	46	16	1,675	7,200	20,351	21,296	580	1,341	11,608
Harrison.....	23	6	1,198	4,186	5,358	5,501	192	1,306	5,402
Henry.....	57	16	2,249	8,977	40,805	41,238	4,004	1,050	8,171
Highland.....	31	13	1,690	5,806	9,836	9,678	272	1,661	8,071
Hocking.....	41	12	1,546	6,169	13,151	13,642	810	1,400	8,303
Holmes.....	49	6	673	2,495	4,678	4,807	555	761	5,584
Huron.....	85	38	3,830	16,332	32,850	31,209	3,452	3,185	25,912
Jackson.....	47	17	1,795	6,827	13,398	13,289	1,927	1,938	10,020
Jefferson.....	86	36	11,063	63,871	118,088	124,516	18,430	11,678	96,985
Knox.....	38	10	3,627	19,797	34,248	31,656	1,164	3,665	28,876
Lake.....	217	74	12,539	68,031	104,226	100,656	9,123	11,897	104,807
Lawrence.....	47	24	4,317	21,672	49,673	50,423	4,789	4,561	51,710
Licking.....	92	30	9,549	49,320	111,523	114,490	7,140	8,480	71,488

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 4.—GENERAL STATISTICS FOR OHIO, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND WITHIN CITIES

(See text for explanation of column captions)

		1958								
		Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	A. employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad- justed (\$1,000)	Adjusted (\$1,000)			
OHIO—Continued										
COUNTIES—Continued										
Logan.....	44	15	1,965	9,648	19,445	19,008	1,000	11,500		
Lorain.....	243	84	23,754	137,614	254,497	260,027	16,061	282,000		
Lucas.....	726	246	54,097	304,034	550,140	569,767	48,116	725,000		
Madison.....	23	5	731	3,021	5,568	5,776	251	3,000		
Mahoning.....	332	130	41,943	227,002	389,197	384,139	36,132	485,000		
Marion.....	72	35	6,341	32,153	73,605	67,580	2,614	46,500		
Medina.....	76	24	3,707	16,557	27,822	28,969	1,094	24,500		
Meigs.....	26	5	493	1,840	2,507	2,753	179	2,500		
Mercer.....	53	14	3,097	14,012	25,886	26,720	510	22,000		
Miami.....	131	64	9,125	43,884	81,400	83,895	3,375	8,890		
Montgomery.....	731	276	83,430	483,839	819,159	802,196	35,846	94,500		
Mundwiny.....	104	39	9,705	42,038	77,978	79,084	3,197	9,800		
Ottawa.....	67	20	2,936	13,854	29,175	29,942	2,222	18,700		
Perry.....	40	19	1,674	6,165	10,161	10,193	423	8,300		
Pickaway.....	33	12	2,065	9,428	37,902	38,311	1,921	18,400		
Portage.....	127	48	5,553	27,440	46,691	48,301	1,889	56,950		
Putnam.....	34	9	1,803	6,789	15,310	16,186	241	1,973		
Richland.....	162	67	19,638	111,831	209,361	225,213	7,497	161,570		
Ross.....	52	10	4,270	23,960	47,464	48,268	(D)	4,103		
Sandusky.....	107	41	6,283	31,146	72,970	72,198	2,281	62,191		
Scioto.....	85	28	7,037	32,516	59,832	59,979	2,667	45,520		
Seneca.....	79	35	7,426	36,159	75,245	77,587	3,784	71,580		
Stark.....	472	186	50,726	266,049	492,906	503,083	26,170	56,762		
Summit.....	695	229	79,271	447,906	731,086	755,312	55,703	65,905		
Trumbull.....	235	102	34,015	195,224	347,733	345,948	17,051	37,856		
Tuscarawas.....	146	63	8,790	39,399	78,339	79,410	3,974	58,000		
Union.....	28	8	1,160	4,985	11,654	13,659	804	6,586		
Van Wert.....	42	11	2,180	9,757	21,220	21,264	904	15,537		
Warren.....	58	18	1,408	6,713	11,044	11,238	866	10,212		
Washington.....	66	28	4,520	23,453	60,169	61,423	3,989	37,952		
Wayne.....	118	64	8,982	42,295	87,627	90,155	3,200	7,820		
Williams.....	84	29	3,590	15,695	27,617	28,681	1,187	2,988		
Wood.....	114	30	6,375	36,082	86,721	86,240	6,028	67,593		
Wyandot.....	37	15	1,275	5,324	10,649	10,879	333	1,001		

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.<sup>2</sup>The Akron Standard Metropolitan Statistical Area consists of Summit County, Ohio.<sup>3</sup>The Canton Standard Metropolitan Statistical Area consists of Stark County, Ohio.<sup>4</sup>The Cincinnati Standard Metropolitan Statistical Area consists of Hamilton County, Ohio; and Campbell and Kenton Counties, Kentucky.<sup>5</sup>The Cleveland Standard Metropolitan Statistical Area consists of Cuyahoga and Lake Counties, Ohio.<sup>6</sup>The Columbus Standard Metropolitan Statistical Area consists of Franklin County, Ohio.<sup>7</sup>The Dayton Standard Metropolitan Statistical Area consists of Greene, Miami, and Montgomery Counties, Ohio.<sup>8</sup>The Hamilton-Middletown Standard Metropolitan Statistical Area consists of Butler County, Ohio.<sup>9</sup>The Huntington-Anshand Standard Metropolitan Statistical Area consists of Cabell and Wayne Counties, West Virginia; Boyd County, Kentucky; and Lawrence County, Ohio.<sup>10</sup>The Lima Standard Metropolitan Statistical Area consists of Allen County, Ohio.<sup>11</sup>The Lorain-Elyria Standard Metropolitan Statistical Area consists of Lorain County, Ohio.<sup>12</sup>The Springfield Standard Metropolitan Statistical Area consists of Clark County, Ohio.<sup>13</sup>The Steubenville-Weirton Standard Metropolitan Statistical Area consists of Jefferson County, Ohio; and Brooke and Hancock Counties, West Virginia.<sup>14</sup>The Toledo Standard Metropolitan Statistical Area consists of Lucas County, Ohio.<sup>15</sup>The Wheeling Standard Metropolitan Statistical Area consists of Ohio and Marshall Counties, West Virginia; and Belmont County, Ohio.<sup>16</sup>The Youngstown Standard Metropolitan Statistical Area consists of Mahoning and Trumbull Counties, Ohio.<sup>17</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 35.--GENERAL STATISTICS FOR OKLAHOMA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
OKLAHOMA, TOTAL.....	2,387	574	92,933	454,186	716,115	718,411	61,528	89,257	580,633
STANDARD METROPOLITAN STATISTICAL AREAS									
Oklahoma City <sup>2</sup> .....	573	147	17,796	84,342	140,167	142,615	9,077	16,635	108,167
Tulsa <sup>3</sup> .....	628	181	33,348	172,869	249,335	247,494	22,108	32,341	215,272
COUNTIES <sup>4</sup>									
Beckham.....	20	3	305	933	1,818	1,861	142	220	862
Bryan.....	21	5	275	834	1,710	1,598	131	319	1,083
Canadian.....	19	6	368	1,667	3,973	4,033	211	302	3,895
Carter.....	35	7	641	2,499	4,178	4,281	334	751	4,265
Choctaw.....	17	2	317	715	1,017	1,012	(D)	87	460
Cleveland.....	25	2	412	1,618	3,783	3,841	127	292	1,768
Comanche.....	33	10	809	2,848	5,958	6,066	352	670	4,635
Creek.....	32	10	1,561	5,816	10,864	11,015	626	1,951	12,147
Custer.....	26	3	288	916	2,000	2,030	155	261	1,300
Garfield.....	60	17	1,880	8,593	26,432	26,832	2,285	1,901	14,320
Grady.....	36	9	562	1,682	4,702	4,651	451	516	3,950
Kay.....	60	18	3,680	18,930	54,354	52,246	2,546	4,125	46,785
Le Flore.....	27	5	489	966	1,548	1,603	142	409	1,510
Logan.....	24	4	596	1,674	2,591	2,688	220	622	2,561
McCurtain.....	40	9	1,089	3,009	4,400	4,350	328	669	2,493
Mayes.....	20	3	499	3,080	10,120	10,854	406	437	4,505
Muskogee.....	64	28	2,543	9,820	20,774	22,294	985	2,525	16,970
Oklahoma.....	548	145	17,283	76,040	136,384	138,774	8,950	15,899	106,399
Oklmulgee.....	38	10	2,060	11,286	17,816	19,371	749	2,931	20,953
Osage.....	22	3	391	1,399	4,389	4,401	184	468	3,158
Payne.....	32	8	889	3,831	10,018	9,464	835	769	9,679
Pittsburg.....	31	6	954	2,593	4,963	5,563	371	910	4,228
Pottawatomie.....	43	9	2,160	8,298	19,207	19,889	693	1,920	11,449
Seminole.....	31	4	470	1,338	2,426	2,444	141	335	1,927
Tulsa.....	596	171	28,774	149,812	238,471	236,479	21,482	28,895	203,125
Washington.....	28	7	1,730	8,228	17,130	16,374	532	1,960	14,786

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.<sup>2</sup>The Oklahoma City Standard Metropolitan Statistical Area consists of Cleveland and Oklahoma Counties, Oklahoma.<sup>3</sup>The Tulsa Standard Metropolitan Statistical Area consists of Creek and Tulsa Counties, Oklahoma.<sup>4</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 1. GENERAL STATISTICS FOR THE CLATSOP AND PORTLAND METROPOLITAN STATISTICAL AREAS  
 See text for explanation of symbols.

Standard metropolitan statistical areas and counties	Establishments, number		All employees <sup>1</sup>		Value added <sup>2</sup>		Payroll <sup>3</sup>	Total <sup>4</sup>	Total <sup>5</sup>
	Total	With 1 or more employees	Number	Payroll	Manufacturing	Non-manufacturing			
OREGON, TOTAL.....	1,001	1,212	134,541	1,047,771	1,047,771	1,047,771	1,047,771	1,047,771	1,047,771
STANDARD METROPOLITAN STATISTICAL AREAS									
Portland area, total <sup>2</sup> .....	1,738	428	58,682	1,951,700	1,951,700	1,951,700	1,951,700	1,951,700	1,951,700
Portland in Oregon.....	1,611	426	58,682	1,951,700	1,951,700	1,951,700	1,951,700	1,951,700	1,951,700
Portland in Washington.....	127	2	0,000	41,400	41,400	41,400	41,400	41,400	41,400
COUNTIES <sup>3</sup>									
Baker.....	46	1	83	4,237	2,900	1,337	4,237	2,900	1,337
Benton.....	130	30	2,228	10,921	10,921	10,921	10,921	10,921	10,921
Clackamas.....	228	42	5,275	26,006	26,006	26,006	26,006	26,006	26,006
Clatsop.....	105	27	2,606	11,298	9,204	2,094	11,298	9,204	2,094
Columbia.....	93	13	1,917	9,210	24,872	22,422	9,210	24,872	22,422
Coos.....	228	33	6,158	30,617	13,387	17,230	30,617	13,387	17,230
Crook.....	21	10	1,410	6,692	2,837	3,855	6,692	2,837	3,855
Curry.....	108	22	1,711	8,318	15,446	11,662	8,318	15,446	11,662
Deschutes.....	71	15	1,592	7,955	22,891	13,033	7,955	22,891	13,033
Douglas.....	365	71	8,089	38,842	78,993	77,541	38,842	78,993	77,541
Grant.....	2	7	518	2,430	3,200	3,200	2,430	3,200	3,200
Harney.....	5	1	676	3,272	6,282	6,000	3,272	6,282	6,000
Hood River.....	48	8	998	4,846	7,980	8,261	4,846	7,980	8,261
Jackson.....	246	61	5,010	24,544	42,575	42,575	24,544	42,575	42,575
Josephine.....	151	25	2,331	10,607	17,769	17,769	10,607	17,769	17,769
Klamath.....	87	30	3,771	18,028	27,778	28,552	18,028	27,778	28,552
Lake.....	24	10	710	3,570	5,318	5,602	3,570	5,318	5,602
Lane.....	496	123	14,188	68,083	119,968	119,968	68,083	119,968	119,968
Lincoln.....	120	16	2,431	11,878	20,018	19,537	11,878	20,018	19,537
Linn.....	197	49	6,651	32,592	58,337	58,686	32,592	58,337	58,686
Marion.....	220	45	5,315	22,068	45,022	45,565	22,068	45,022	45,565
Multnomah.....	1,215	355	40,618	203,744	391,180	391,403	203,744	391,180	391,403
Polk.....	83	22	2,603	11,601	24,664	26,000	11,601	24,664	26,000
Tillamook.....	121	14	2,436	9,841	15,008	15,123	9,841	15,008	15,123
Umatilla.....	98	25	2,720	11,793	25,374	26,010	11,793	25,374	26,010
Union.....	61	13	1,065	4,405	8,045	7,834	4,405	8,045	7,834
Wallowa.....	36	5	596	3,032	3,976	4,070	3,032	3,976	4,070
Wasco.....	32	10	632	3,036	4,762	4,535	3,036	4,762	4,535
Washington.....	168	29	4,257	20,059	47,107	47,743	20,059	47,107	47,743
Wheeler.....	5	3	545	3,040	3,753	3,761	3,040	3,753	3,761
Yamhill.....	122	21	1,954	7,782	16,410	15,632	7,782	16,410	15,632

D Withheld to avoid disclosing data for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Portland, Oregon-Washington Standard Metropolitan Statistical Area consists of Clackamas, Multnomah, and Washington counties and Clark County in Washington.

<sup>3</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or (b) permit further check of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.



## 1958 CENSUS OF MANUFACTURES

Table 37.--GENERAL STATISTICS FOR PENNSYLVANIA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>2</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
PENNSYLVANIA, TOTAL.....	19,083	7,775	1,421,749	6,840,920	11,538,475	11,485,651	788,451	1,472,046	9,930,486
STANDARD METROPOLITAN STATISTICAL AREAS									
Allentown-Bethlehem-Easton, total <sup>2</sup> .....	1,009	542	95,352	434,253	704,062	695,553	45,288	94,208	593,489
Portion in Pennsylvania.....	883	488	84,203	383,714	613,974	609,814	35,470	84,139	522,430
Portion in New Jersey.....	126	54	11,149	50,539	90,088	85,739	9,818	10,069	71,059
Altoona <sup>3</sup> .....	138	57	10,448	39,566	83,232	82,872	8,986	8,460	47,007
Erie <sup>4</sup> .....	428	181	34,817	178,721	315,888	307,825	24,306	40,647	286,397
Harrisburg <sup>5</sup> .....	424	178	32,843	137,075	242,661	246,381	15,792	32,217	188,032
Johnstown <sup>6</sup> .....	304	92	23,666	110,375	188,059	166,606	9,104	23,431	121,772
Lancaster <sup>7</sup> .....	642	280	44,211	191,313	361,251	367,864	15,720	43,681	288,553
Philadelphia, total <sup>8</sup> .....	8,137	3,162	538,527	2,739,096	4,845,268	4,837,375	289,949	564,172	4,023,700
Portion in Pennsylvania.....	7,151	2,837	466,430	2,341,055	4,155,128	4,143,575	232,389	491,478	3,484,429
Portion in New Jersey.....	986	325	72,097	398,041	690,140	693,800	57,560	72,694	539,271
Pittsburgh <sup>9</sup> .....	2,481	916	318,446	1,841,371	2,625,384	2,623,883	269,873	331,570	2,480,530
Reading <sup>10</sup> .....	694	319	48,333	193,115	339,273	341,270	15,761	49,198	294,269
Scranton <sup>11</sup> .....	477	258	27,124	93,313	153,103	153,494	5,120	31,500	164,764
Wilkes-Barre-Hazleton <sup>12</sup> .....	701	354	39,341	125,972	227,066	213,254	7,546	36,980	156,328
York <sup>13</sup> .....	605	299	41,353	167,623	324,001	323,345	15,387	45,390	282,942
COUNTIES <sup>14</sup>									
Adams.....	103	52	6,781	20,886	39,529	39,873	1,369	5,570	24,825
Allegheny.....	1,697	621	184,006	1,014,504	1,684,620	1,674,212	195,634	194,898	1,633,928
Armstrong.....	85	25	5,766	29,193	91,998	91,689	2,269	6,628	24,470
Bever.....	195	88	44,216	255,893	435,315	445,545	44,423	47,005	304,118
Berk.....	694	319	48,263	192,519	339,273	341,270	15,761	49,130	294,269
Blair.....	138	57	10,439	39,527	85,232	82,872	8,986	8,417	47,007
Bradford.....	82	29	5,129	21,800	39,985	39,618	2,635	4,256	29,177
Bucks.....	476	160	27,621	147,919	339,722	342,473	17,000	35,584	262,728
Butler.....	163	51	11,601	61,935	111,220	104,722	34,326	10,146	83,708
Cambria.....	170	55	20,468	100,980	174,239	152,817	8,423	20,867	113,224
Carbon.....	117	70	7,599	23,086	41,245	40,097	3,817	7,348	35,696
Centre.....	93	26	4,563	19,646	41,660	41,233	850	3,723	32,078
Chester.....	318	131	24,034	123,051	213,553	209,779	38,413	19,660	142,928
Clarion.....	64	16	2,203	9,620	22,002	22,396	964	2,246	16,020
Clearfield.....	146	43	5,685	22,022	40,422	39,938	1,895	5,487	28,384
Clinton.....	60	22	5,700	26,228	47,618	47,866	5,411	5,740	36,814
Columbia.....	112	48	8,761	34,126	58,334	54,780	2,733	10,307	48,067
Crawford.....	134	42	8,743	38,831	71,794	72,567	3,105	9,452	66,867
Cumberland.....	148	63	8,442	33,563	60,223	61,423	5,995	7,725	47,070
Dauphin.....	276	115	23,387	96,550	182,438	185,158	9,797	23,956	140,962
Delaware.....	419	156	45,219	248,798	450,139	438,639	31,039	52,883	428,141
Elk.....	69	28	6,951	32,267	61,291	58,255	6,384	7,263	47,834
Erie.....	428	181	34,817	178,721	315,888	307,825	24,306	40,648	286,397
Fayette.....	184	53	7,011	26,619	51,977	52,436	3,500	7,238	41,294
Forest.....	16	6	689	2,546	4,841	4,923	353	484	3,361
Franklin.....	131	54	8,804	29,293	46,792	47,534	1,731	9,064	51,866
Fulton.....	25	1	343	743	891	915	25	165	439
Greene.....	34	9	611	1,439	2,659	2,672	154	645	2,208
Huntingdon.....	71	17	2,898	10,345	20,002	18,567	465	3,139	16,511
Indiana.....	88	22	3,132	11,904	24,446	23,973	765	2,787	15,082
Jefferson.....	94	24	4,203	15,510	36,323	36,393	1,472	4,878	32,148
Juniata.....	43	10	765	1,865	3,493	3,050	143	681	2,788
Lackawanna.....	477	238	27,109	93,267	153,103	153,494	5,120	31,478	164,764
Lancaster.....	642	280	44,216	177,515	361,251	367,864	15,720	42,545	288,553
Lawrence.....	142	56	11,503	61,164	108,088	108,349	8,452	13,997	105,761
Lebanon.....	178	95	12,592	47,796	87,887	87,458	5,142	12,248	68,252
Lehigh.....	474	237	33,359	139,592	251,935	253,467	15,939	33,458	209,871
Luzerne.....	701	354	39,408	125,431	227,066	213,254	7,546	36,902	156,328
Lycoming.....	222	100	16,386	65,955	106,440	106,554	4,462	17,953	106,455
McKean.....	138	37	7,445	32,090	62,063	61,476	2,305	7,190	48,490
Mercer.....	155	51	18,976	107,837	226,186	219,138	9,990	19,391	187,613
Mifflin.....	58	25	5,865	24,911	38,919	38,673	1,960	6,310	33,832

See footnotes at end of table.



## 1958 CENSUS OF MANUFACTURES

Table 17.—GENERAL STATISTICS FOR PENNSYLVANIA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1950								
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>2</sup>	Value added in manufacture, thousands <sup>3</sup> (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
PENNSYLVANIA—Continued									
COUNTIES <sup>14</sup> —Continued									
Monroe.....	95	36	3,813	15,546	26,670	26,048	1,390	4,116	21,291
Montgomery.....	916	407	63,711	310,786	567,009	577,702	39,420	66,003	435,512
Montour.....	18	7	2,116	8,885	17,069	17,072	429	1,746	14,877
Northampton.....	409	251	45,277	193,471	362,039	356,347	19,531	46,756	312,467
Northumberland.....	192	99	13,581	48,117	103,966	107,064	10,245	12,984	72,150
Perry.....	44	12	821	2,022	3,797	4,005	375	2,234	5,234
Philadelphia.....	5,022	1,983	288,790	1,383,805	2,584,705	2,574,982	106,497	309,702	2,215,218
Potter.....	43	7	894	2,657	3,481	3,316	135	605	2,518
Schuylkill.....	305	163	19,096	59,102	92,208	93,937	4,048	18,662	83,539
Snyder.....	60	25	1,967	4,927	7,628	7,587	309	1,768	6,977
Somerset.....	134	37	3,012	7,920	13,820	13,789	681	2,360	8,548
Sullivan.....	27	6	518	1,444	1,891	1,934	156	677	2,400
Tioga.....	52	20	3,003	11,906	23,603	23,108	697	3,197	19,069
Union.....	38	14	1,470	4,496	7,861	7,804	589	1,402	5,925
Venango.....	101	32	6,974	33,593	57,604	59,439	2,455	7,252	55,017
Warren.....	99	39	4,837	23,107	39,396	38,071	3,948	4,898	39,063
Washington.....	194	68	17,314	93,941	151,174	154,015	9,000	21,687	156,954
Wayne.....	72	15	2,311	7,684	10,907	11,380	225	2,354	8,896
Westmoreland.....	395	139	38,833	214,857	354,275	350,111	20,816	39,818	275,530
Wyoming.....	46	12	936	2,697	4,452	4,789	177	628	1,963
York.....	605	299	41,268	167,199	324,001	323,345	15,387	45,275	282,222

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Allentown-Bethlehem-Easton Standard Metropolitan Statistical Area consists of Lehigh and Northampton Counties, Pennsylvania; and Warren County, New Jersey.

<sup>3</sup>The Altoona Standard Metropolitan Statistical Area consists of Blair County, Pennsylvania.

<sup>4</sup>The Erie Standard Metropolitan Statistical Area consists of Erie County, Pennsylvania.

<sup>5</sup>The Harrisburg Standard Metropolitan Statistical Area consists of Cumberland and Dauphin Counties, Pennsylvania.

<sup>6</sup>The Johnstown Standard Metropolitan Statistical Area consists of Cambria and Somerset Counties, Pennsylvania.

<sup>7</sup>The Lancaster Standard Metropolitan Statistical Area consists of Lancaster County, Pennsylvania.

<sup>8</sup>The Philadelphia Standard Metropolitan Statistical Area consists of Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania; and Burlington, Camden, and Gloucester Counties, New Jersey.

<sup>9</sup>The Pittsburgh Standard Metropolitan Statistical Area consists of Allegheny, Beaver, Washington, and Westmoreland Counties, Pennsylvania.

<sup>10</sup>The Reading Standard Metropolitan Statistical Area consists of Berks County, Pennsylvania.

<sup>11</sup>The Scranton Standard Metropolitan Statistical Area consists of Lackawanna County, Pennsylvania.

<sup>12</sup>The Wilkes-Barre-Hazleton Standard Metropolitan Statistical Area consists of Luzerne County, Pennsylvania.

<sup>13</sup>The York Standard Metropolitan Statistical Area consists of York County, Pennsylvania.

<sup>14</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 38.—GENERAL STATISTICS FOR RHODE ISLAND, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954  
(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
RHODE ISLAND, TOTAL.....	2,743	914	116,143	458,165	763,143	764,321	29,923	125,041	697,279
STANDARD METROPOLITAN STATISTICAL AREAS									
Fall River <sup>2</sup> .....	342	176	23,437	74,156	110,834	109,542	4,515	27,005 (*)	111,675 (*)
Providence <sup>3</sup> .....	2,908	1,000	128,534	514,088	854,681	856,054	33,199		
COUNTIES									
Bristol.....	62	28	4,721	19,097	32,412	33,011	770	5,167	29,139
Kent.....	233	76	8,768	33,949	55,200	55,717	2,423	8,142	39,975
Newport.....	48	9	742	3,037	7,230	7,283	355	1,011	8,330
Providence.....	2,318	770	96,791	378,617	644,925	644,380	25,498	105,735	599,873
Washington.....	82	31	4,049	16,056	23,376	23,930	877	3,913	19,961

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Fall River Standard Metropolitan Statistical Area consists of Fall River City and Somerset, Swansea, and Westport Towns in Bristol County, Massachusetts; and Tiverton town in Newport County, Rhode Island.

<sup>3</sup>The Providence Standard Metropolitan Statistical Area consists of Central Falls, Cranston, Pawtucket, Providence, and Woonsocket cities and Burrillville, Cumberland, East Providence, Johnston, Lincoln, North Providence, North Smithfield, and Smithfield towns in Providence County; Narragansett and North Kingstown towns in Washington County; Warwick city, and Coventry, East Greenwich, and West Warwick towns in Kent County; Jamestown town in Newport County; and all of Bristol County, Rhode Island; Attleboro city, and North Attleboro and Seekonk towns in Bristol County; Bellingham, Franklin, Plainville, and Wrentham towns in Norfolk County; and Blackstone and Millville towns in Worcester County, Massachusetts.

<sup>4</sup>The definition of this standard metropolitan statistical area has been revised since 1954. Comparable 1954 data based on the new definition for the area were not available in time for inclusion in this preliminary report.

1958 CENSUS OF MANUFACTURES

Table 1. GENERAL STATISTICS OF STATE MANUFACTURING INDUSTRIES, 1958  
See text for explanation of symbols and abbreviations

Standard Metropolitan Statistical Area or County	Establishment, number		All employees		Payroll, \$1,000		Value added, \$1,000		Shipments, \$1,000	
	Total	With 25 or more employees	Number	Full time	Unemployment, %	1958	1957	1958	1957	
<b>SOUTH CAROLINA, TOTAL</b>	1,876	94	224,901	164,477	100.00	1,482,000	1,482,000	1,482,000	1,482,000	
<b>STANDARD METROPOLITAN STATISTICAL AREAS</b>										
Augusta area <sup>1</sup>	183	78	25,124	16,457	100.00	217,830	217,830	217,830	217,830	
Portion in South Carolina	61	27	14,839	7,687	159.1	159,100	159,100	159,100	159,100	
Portion in Georgia	122	51	8,285	27,650	48.41	48,410	48,410	48,410	48,410	
Charleston <sup>2</sup>	164	62	9,440	25,001	72.80	72,800	72,800	72,800	72,800	
Columbia <sup>3</sup>	257	26	11,189	34,351	62.55	62,550	62,550	62,550	62,550	
Greenville <sup>4</sup>	276	115	30,643	77,998	179.63	179,630	179,630	179,630	179,630	
<b>COUNTIES<sup>5</sup></b>										
Abbeville	22	8	2,458	7,217	12.34	12,340	12,340	12,340	12,340	
Aiken	61	27	14,489	75,395	159.11	159,110	159,110	159,110	159,110	
Allendale	21	5	372	1,107	4.024	4,024	4,024	4,024	4,024	
Anderson	111	52	17,301	51,652	89.75	89,750	89,750	89,750	89,750	
Beaufort	23	7	700	1,669	3.391	3,391	3,391	3,391	3,391	
Beaufort	23	7	700	1,669	3.391	3,391	3,391	3,391	3,391	
Berkeley	32	11	1,200	3,422	5.420	5,420	5,420	5,420	5,420	
Charleston	164	62	9,417	34,850	72.001	72,001	72,001	72,001	72,001	
Cherokee	46	15	3,875	11,223	19.383	19,400	19,400	19,400	19,400	
Chester	38	10	7,758	14,523	25.555	26,472	26,472	26,472	26,472	
Chesterfield	81	16	1,845	4,048	6.665	6,700	6,700	6,700	6,700	
Clarendon	26	5	883	1,838	3.372	3,328	3,328	3,328	3,328	
Colleton	57	13	1,125	2,090	3.945	3,692	3,692	3,692	3,692	
Darlington	51	22	4,786	17,709	33.849	33,573	33,573	33,573	33,573	
Dorchester	52	15	1,586	4,604	1.431	10,261	10,261	10,261	10,261	
Edgefield	41	12	1,457	3,585	7.459	7,217	7,217	7,217	7,217	
Fairfield	87	1	2,556	5,395	9.840	9,320	9,320	9,320	9,320	
Florence	84	28	3,626	1,245	16.823	16,987	16,987	16,987	16,987	
Greenville	276	115	29,845	96,534	179.635	179,285	179,285	179,285	179,285	
Greenwood	77	31	9,621	29,649	51.411	49,001	49,001	49,001	49,001	
Hampton	38	7	1,131	3,761	7.864	8,261	8,261	8,261	8,261	
Horry	73	14	1,581	3,452	5.316	5,278	5,278	5,278	5,278	
Jasper	18	3	361	754	1.331	1,127	1,127	1,127	1,127	
Kershaw	54	11	3,310	14,387	65.311	65,380	65,380	65,380	65,380	
Laurens	54	20	6,749	11,341	31.451	29,931	29,931	29,931	29,931	
Lexington	101	30	2,916	8,461	16.116	16,249	16,249	16,249	16,249	
Marion	33	16	1,608	3,948	6.746	6,800	6,800	6,800	6,800	
Marlboro	31	11	2,211	7,003	12.679	12,682	12,682	12,682	12,682	
New Berry	80	15	3,808	11,107	15.431	15,748	15,748	15,748	15,748	
Oconee	75	14	5,841	16,172	29.224	26,364	26,364	26,364	26,364	
Orangeburg	85	29	3,671	10,194	14.757	16,234	16,234	16,234	16,234	
Pickens	56	24	6,802	20,707	35.842	22,490	22,490	22,490	22,490	
Richland	156	56	8,258	25,820	45.939	47,390	47,390	47,390	47,390	
Saluda	44	9	1,111	2,434	5.677	4,167	4,167	4,167	4,167	
Spartanburg	177	82	25,326	77,825	125.361	119,995	119,995	119,995	119,995	
Sumter	68	32	3,347	10,625	16.083	16,061	16,061	16,061	16,061	
Union	29	12	5,510	16,347	24.532	22,362	22,362	22,362	22,362	
Williamsburg	34	7	575	1,391	2.334	2,571	2,571	2,571	2,571	
York	87	36	12,281	44,040	87.898	88,891	88,891	88,891	88,891	

D Withheld to avoid disclosing data for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the state and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see page 1.

<sup>2</sup>The Augusta Georgia - South Carolina Standard Metropolitan Statistical Area consists of Richmond County Georgia and Aiken County, South Carolina.

<sup>3</sup>The Charleston, South Carolina Standard Metropolitan Statistical Area is coextensive with Charleston County, South Carolina.

<sup>4</sup>The Columbia, South Carolina Standard Metropolitan Statistical Area consists of Lexington and Richland Counties, South Carolina.

<sup>5</sup>The Greenville, South Carolina Standard Metropolitan Statistical Area is coextensive with Greenville County, South Carolina.

<sup>6</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county in this or associated industries or groups, or (b) avoid further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for the State.

GROUP 20

GROUP 21

GROUP 22

## 1958 CENSUS OF MANUFACTURES

Table 40.--GENERAL STATISTICS FOR SOUTH DAKOTA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number <sup>2</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad-justed (\$1,000)	Adjusted (\$1,000)			
SOUTH DAKOTA, TOTAL.....	576	114	13,091	55,591	108,006	114,455	5,307	11,543	77,692
STANDARD METROPOLITAN STATISTICAL AREAS									
Sioux Falls <sup>2</sup> .....	81	31	6,126	29,296	59,400	63,548	1,776	5,406	44,511
COUNTIES <sup>3</sup>									
Brown.....	31	9	659	2,671	4,826	5,288	408	707	4,393
Codington.....	28	9	716	3,197	4,544	4,566	263	768	4,291
Custer.....	23	5	356	917	1,343	1,312	74	163	714
Davison.....	25	7	537	1,971	3,419	3,525	179	472	1,975
Grant.....	13	5	277	1,040	1,250	1,226	142	215	1,312
Lake.....	12	4	342	1,072	2,097	2,049	201	229	1,210
Lawrence.....	21	3	369	1,384	2,863	2,776	141	381	1,965
Minnehaha.....	81	31	6,126	29,296	59,400	63,548	1,776	5,402	44,511
Pennington.....	64	15	1,224	5,189	7,020	8,457	633	913	5,101

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Sioux Falls Standard Metropolitan Statistical Area consists of Minnehaha County, South Dakota.

<sup>3</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 41.--GENERAL STATISTICS FOR TENNESSEE, ITS STANDARD METROPOLITAN STATISTICAL AREA AND COUNTIES

See text for explanation of column captions.

Standard metropolitan statistical areas and counties	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	All manufacturing, percent	Value added by manufacturing, percent
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
TENNESSEE, TOTAL.....	4,772	1,532	20,333	1,754,400	2,126,400	2,300,100	14.2	100.0	100.0
STANDARD METROPOLITAN STATISTICAL AREAS									
Chattanooga, total <sup>2</sup> .....	432	157	4,328	166,900	34,670	38,100	1.8	1.8	1.8
Portion in Tennessee.....	32	12	3,891	149,700	31,300	34,600	1.7	1.7	1.7
Portion in Georgia.....	32	12	3,891	149,700	31,300	34,600	1.7	1.7	1.7
Knoxville.....	395	129	11,177	132,992	268,900	270,400	1.4	1.4	1.4
Memphis.....	761	288	41,550	179,509	386,431	390,748	3.3	3.3	3.3
Nashville.....	703	223	36,566	155,948	266,500	283,400	2.8	2.8	2.8
COUNTIES <sup>6</sup>									
Bedford.....	27	2	2,743	7,600	13,100	12,380	436	0.1	0.1
Bledsoe.....	27	2	370	600	920	890	60	0.1	0.1
Bradley.....	68	26	5,298	16,432	32,547	30,984	1,200	0.2	0.2
Campbell.....	28	5	1,431	3,284	3,923	3,893	120	0.1	0.1
Carroll.....	31	8	2,231	5,193	5,690	5,704	200	0.1	0.1
Carter.....	23	12	4,574	18,121	28,711	28,761	1,180	0.2	0.2
Coffee.....	44	19	1,939	5,430	11,710	11,428	311	0.1	0.1
Cumberland.....	37	6	1,403	3,000	3,664	3,500	130	0.1	0.1
Davidson.....	503	223	34,681	149,750	266,500	283,400	1,582	2.8	2.8
Dickson.....	30	4	1,086	2,444	3,863	3,987	173	0.1	0.1
Fentress.....	26	3	1,464	2,099	2,355	2,300	127	0.1	0.1
Franklin.....	29	8	1,772	2,798	7,084	6,966	(D)	0.1	0.1
Gibson.....	47	17	2,542	6,880	15,124	14,737	468	0.1	0.1
Giles.....	20	6	878	2,927	7,443	7,619	281	0.1	0.1
Greene.....	51	13	2,905	10,650	34,504	35,995	970	0.2	0.2
Hamblen.....	47	22	5,141	19,242	36,745	36,702	1,281	0.2	0.2
Hamilton.....	400	185	35,613	148,509	313,111	306,516	3,320	3.3	3.3
Hardin.....	36	7	1,399	2,597	4,901	4,922	160	0.1	0.1
Haywood.....	18	2	475	979	1,430	1,527	63	0.1	0.1
Henderson.....	27	5	666	1,287	2,795	2,388	121	0.1	0.1
Henry.....	42	6	1,233	3,064	7,355	7,663	230	0.1	0.1
Jefferson.....	21	7	1,647	4,867	9,412	9,713	439	0.1	0.1
Knox.....	314	138	18,249	67,811	126,888	128,287	7,940	2.1	2.1
Laurens.....	16	5	373	84	1,660	1,684	9	0.1	0.1
Lawrence.....	36	7	2,438	8,978	15,515	15,086	1,214	0.1	0.1
Lewis.....	13	3	692	1,633	3,179	3,270	66	0.1	0.1
Loudon.....	33	11	2,686	7,668	16,350	17,236	762	0.1	0.1
McKinn.....	79	31	4,608	15,476	44,432	44,728	13,141	0.3	0.3
McNairy.....	27	4	1,107	2,802	5,106	5,107	112	0.1	0.1
Mason.....	23	7	979	2,201	4,968	4,932	152	0.1	0.1
Madison.....	71	33	3,486	11,346	22,139	21,282	1,463	0.2	0.2
Marion.....	27	6	757	2,166	4,983	5,342	384	0.1	0.1
Marshall.....	36	14	2,302	8,361	2,000	19,130	700	0.1	0.1
Maury.....	49	21	3,542	13,341	21,118	22,668	3,380	0.2	0.2
Mempho.....	40	11	1,328	3,355	5,874	6,121	208	0.1	0.1
Montgomery.....	35	23	2,656	9,436	15,411	15,664	1,130	0.1	0.1
Obion.....	38	15	1,992	5,954	12,476	12,584	820	0.1	0.1
Overton.....	25	2	1,222	1,900	3,018	2,900	71	0.1	0.1
Putnam.....	40	2	2,199	5,171	9,419	9,500	600	0.1	0.1
Roane.....	32	1	8,905	44,995	106,492	105,988	3,144	0.2	0.2
Robertson.....	34	1	1,222	3,416	7,835	8,000	1,000	0.1	0.1
Rutherford.....	39	18	1,981	5,434	13,314	13,000	1,000	0.1	0.1
Scott.....	42	6	641	1,348	2,460	2,330	104	0.1	0.1
Shelby.....	701	288	40,548	172,910	386,431	390,748	33,610	3.3	3.3
Smith.....	13	2	553	1,093	1,800	1,813	61	0.1	0.1
Sullivan.....	91	39	18,909	98,845	184,100	183,668	12,200	0.3	0.3
Sumner.....	43	12	2,388	6,172	14,424	14,610	341	0.1	0.1
Tipton.....	17	6	702	3,263	3,712	3,700	240	0.1	0.1
Warren.....	50	13	2,128	5,338	8,360	8,413	410	0.1	0.1
Washington.....	84	23	3,425	12,462	18,000	18,014	1,300	0.2	0.2
Wayne.....	22	4	677	1,642	3,792	3,780	64	0.1	0.1
Weakley.....	37	10	1,593	4,403	6,000	6,006	100	0.1	0.1
White.....	30	9	1,714	3,640	5,260	5,111	101	0.1	0.1
Williamson.....	26	8	624	2,240	3,800	3,812	100	0.1	0.1
Wilson.....	32	10	1,332	3,881	6,600	6,600	100	0.1	0.1

D Withheld to avoid disclosing figures for individual companies. \*Revised.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units, see text.<sup>2</sup>The Chattanooga Standard Metropolitan Statistical Area consists of Hamilton County, Tennessee; and Walker County, Georgia.<sup>3</sup>The Knoxville Standard Metropolitan Statistical Area consists of Anderson, Blount, and Knox Counties, Tennessee.<sup>4</sup>The Memphis Standard Metropolitan Statistical Area consists of Shelby County, Tennessee.<sup>5</sup>The Nashville Standard Metropolitan Statistical Area consists of Davidson County, Tennessee.<sup>6</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.



## 1958 CENSUS OF MANUFACTURES

Table 42.--GENERAL STATISTICS FOR TEXAS, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
TEXAS, TOTAL.....	10,372	3,109	480,142	2,294,982	5,036,858	5,059,428	591,037	419,218	3,501,706
STANDARD METROPOLITAN STATISTICAL AREAS									
Amarillo <sup>2</sup> .....	146	39	3,705	16,581	37,735	40,456	1,615	3,228	24,777
Austin <sup>3</sup> .....	206	53	4,993	18,902	32,118	33,138	1,681	3,388	17,816
Beaumont-Port Arthur <sup>4</sup> .....	245	94	33,396	201,030	429,375	397,398	132,838	31,030	299,087
Corpus Christi <sup>5</sup> .....	164	49	7,656	39,767	119,191	118,852	10,918	6,910	71,593
Dallas <sup>6</sup> .....	1,756	613	96,044	466,790	841,432	842,703	46,110	81,263	531,649
El Paso <sup>7</sup> .....	196	67	11,524	43,256	87,256	89,638	4,747	9,698	51,252
Fort Worth <sup>8</sup> .....	788	272	56,341	290,270	515,734	528,792	19,789	50,075	372,674
Galveston <sup>9</sup> .....	94	29	10,951	66,694	264,168	270,216	27,615	10,910	156,569
Houston <sup>10</sup> .....	1,744	547	92,782	508,886	1,144,938	1,167,201	150,831	79,147	868,747
Laredo <sup>11</sup> .....	41	13	940	2,164	3,943	3,979	150	856	2,991
Lubbock <sup>12</sup> .....	185	49	4,243	16,969	39,759	43,423	4,437	2,837	22,902
San Angelo <sup>13</sup> .....	86	23	2,018	6,902	12,077	12,857	672	1,865	8,211
San Antonio <sup>14</sup> .....	566	175	20,086	72,554	151,731	153,469	8,132	17,935	111,139
Waco <sup>15</sup> .....	164	65	9,042	37,459	84,885	89,251	4,490	7,846	62,764
Wichita Falls <sup>16</sup> .....	119	41	3,309	13,605	28,193	28,921	1,240	3,026	26,350
COUNTIES <sup>17</sup>									
Anderson.....	27	6	960	3,377	6,769	7,100	(D)	851	4,953
Angelina.....	74	25	4,722	19,940	43,415	42,935	15,097	4,295	32,627
Bastrop.....	24	6	752	2,426	4,525	4,568	281	671	2,342
Bexar.....	566	175	20,061	72,371	151,731	153,469	8,132	17,894	111,139
Bowie.....	63	25	2,714	9,586	16,747	16,370	694	4,279	21,793
Brazos.....	31	8	843	3,068	6,201	6,552	376	481	2,436
Brown.....	46	19	1,125	3,664	6,588	6,862	435	604	2,438
Camp.....	17	4	272	626	1,125	1,213	62	221	657
Cherokee.....	72	21	1,764	4,659	7,120	7,836	522	1,564	5,434
Coleman.....	14	3	254	689	1,209	1,191	107	224	857
Collin.....	39	10	1,637	4,556	7,612	7,365	116	1,554	5,597
Comal.....	21	10	1,897	6,466	12,288	12,812	1,135	1,730	9,555
Cooke.....	40	10	1,149	3,871	7,241	6,851	217	1,392	4,046
Dallas.....	1,610	563	85,930	416,281	804,381	805,550	44,118	72,770	508,271
Dawson.....	21	2	273	869	1,982	2,044	278	89	620
Denton.....	44	16	1,470	5,601	12,543	13,224	925	1,395	8,084
DeWitt.....	22	7	1,089	3,082	4,259	4,401	91	1,121	3,343
Eastland.....	33	5	567	1,474	2,750	2,753	62	697	2,362
Ellis.....	63	24	2,583	9,737	16,896	16,564	951	2,065	9,697
El Paso.....	196	67	11,203	41,164	87,256	89,638	4,747	9,232	51,252
Erath.....	23	5	342	807	1,429	1,422	50	176	760
Fannin.....	31	8	1,251	3,746	8,195	8,700	498	907	2,885
Fayette.....	26	4	282	669	1,477	1,507	47	216	939
Galveston.....	94	29	10,628	63,831	264,168	270,216	27,615	10,910	156,569
Gonzales.....	25	6	485	881	2,217	2,223	122	569	1,882
Gray.....	33	10	1,107	6,556	21,669	22,761	2,079	950	13,611
Grayson.....	99	41	5,221	20,047	38,657	44,427	5,636	4,187	31,826
Gregg.....	92	30	3,048	13,153	22,289	22,508	1,590	2,889	12,253
Grimes.....	14	3	146	421	1,007	1,163	111	115	545
Guadalupe.....	27	13	931	2,432	5,328	5,501	311	546	2,212
Hale.....	33	6	454	1,667	3,121	3,551	410	593	5,351
Hardin.....	29	5	1,223	3,634	5,756	5,960	276	1,209	3,545
Harris.....	1,744	547	89,885	488,613	1,144,938	1,167,201	150,831	77,756	868,747
Harrison.....	62	23	4,051	17,345	46,927	47,727	10,831	3,071	17,587
Henderson.....	22	7	515	1,521	2,513	2,537	188	456	2,189
Hidalgo.....	138	26	2,728	7,797	14,779	14,993	1,168	2,311	9,980
Hill.....	22	7	587	1,488	2,466	2,417	124	690	1,936
Hood.....	6	3	185	419	651	660	6	110	263
Hopkins.....	28	10	721	2,153	6,561	6,968	272	416	3,538
Houston.....	22	4	327	708	1,300	1,354	225	205	529
Howard.....	25	5	841	4,579	23,800	22,055	(D)	710	14,461
Hunt.....	54	27	3,014	11,492	18,452	18,514	555	2,280	10,489
Jasper.....	46	8	1,396	5,746	11,410	11,436	(D)	914	2,954
Jefferson.....	202	76	27,134	162,986	308,759	277,100	116,919	25,445	222,802
Johnson.....	43	18	1,486	4,142	8,079	8,539	261	1,238	4,522
Kaufman.....	23	10	736	2,331	3,859	3,893	158	926	4,594
Lamar.....	45	19	2,012	6,785	15,989	12,970	541	1,713	13,608
Lavaca.....	14	5	321	980	1,878	1,839	149	294	1,563
Liberty.....	40	10	635	1,511	2,341	2,399	249	832	2,475
Limestone.....	11	3	487	1,471	2,274	2,248	77	404	823
Lubbock.....	185	49	4,228	16,857	39,759	43,423	4,437	2,818	22,902
McLennan.....	164	65	8,908	36,741	84,885	89,251	4,490	7,715	62,764

See footnotes at end of table.

# 1954 CENSUS OF MANUFACTURE

Table 1. GENERAL STATISTICS FOR TEXAS AND STANDARD METROPOLITAN STATISTICAL AREAS

(See text for explanation of a line caption.)

Standard metropolitan statistical area and counties	1960						Total payroll (\$1,000)	Number of employees	Value added in manufacturing (\$1,000)
	Establishments, number		All employees <sup>1</sup>		Value added in manufacturing				
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
TEXAS--Continued									
COUNTIES--Continued									
Midland.....	41	2	488	2,125	4,281	4,477	1,721	1,721	1,721
Montague.....	19	4	344	901	2,682	1,738	1,738	1,738	1,738
Montgomery.....	66	13	1,126	3,115	6,117	5,596	2,231	2,231	2,231
Moore.....	10	5	1,223	3,313	28,846	29,666	1,781	1,781	1,781
Nacogdoches.....	49	12	1,584	4,954	9,971	10,800	2,121	2,121	2,121
Navarro.....	37	19	1,966	6,345	1,637	11,217	1,637	1,637	1,637
Nolan.....	23	8	1,037	4,118	20,854	11,132	1,112	1,112	1,112
Nueces.....	164	49	7,438	38,119	119,191	118,812	10,711	10,711	10,711
Orange.....	43	18	5,812	34,382	120,616	124,238	15,911	15,911	15,911
Palo Pinto.....	27	9	657	2,428	4,267	4,179	424	424	424
Polk.....	41	5	935	2,526	3,189	3,578	(D)	1,111	1,111
Potter.....	135	35	3,410	15,420	33,233	35,783	1,751	1,751	1,751
Randall.....	11	4	221	682	4,602	4,673	421	421	421
Red River.....	25	5	409	897	1,478	1,508	132	132	132
Rusk.....	40	8	541	1,778	2,922	2,967	100	100	100
Sabine.....	13	1	703	1,903	2,335	2,187	(D)	950	950
Shelby.....	35	10	995	2,545	5,844	5,735	249	249	249
Smith.....	111	38	5,457	22,432	39,649	40,390	1,274	1,274	1,274
Tarrant.....	745	254	54,308	284,859	507,655	520,283	19,528	19,528	19,528
Taylor.....	84	27	3,264	10,391	28,751	12,408	1,016	1,016	1,016
Titus.....	21	5	614	2,438	7,272	6,931	(D)	1,111	1,111
Tom Green.....	86	23	2,018	6,902	12,077	12,887	671	1,266	1,221
Travis.....	206	53	4,831	18,119	32,116	33,138	1,271	3,288	1,216
Tyler.....	32	6	392	1,048	1,741	1,746	18	367	1,134
Upshur.....	23	5	256	617	1,035	1,103	54	117	117
Uvalde.....	10	3	304	873	3,460	3,472	(D)	211	1,129
Van Zandt.....	10	4	503	1,636	4,487	4,524	37	477	1,145
Walker.....	18	5	326	700	1,295	1,349	82	111	1,172
Washington.....	21	7	557	1,682	3,628	3,486	312	437	1,181
Webb.....	41	13	940	2,164	3,943	3,979	161	344	1,191
Wharton.....	29	6	399	1,265	3,102	2,535	120	348	1,122
Wichita.....	119	41	3,238	13,249	28,193	28,921	1,240	3,111	1,185
Wilbarger.....	21	4	519	1,546	2,573	2,643	71	459	1,185
Williamson.....	23	9	705	2,083	4,050	4,357	251	876	1,181

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Amarillo Standard Metropolitan Statistical Area consists of Potter and Randall Counties, Texas.

<sup>3</sup>The Austin Standard Metropolitan Statistical Area consists of Travis County, Texas.

<sup>4</sup>The Beaumont-Port Arthur Standard Metropolitan Statistical Area consists of Jefferson and Orange Counties, Texas.

<sup>5</sup>The Corpus Christi Standard Metropolitan Statistical Area consists of Nueces County, Texas.

<sup>6</sup>The Dallas Standard Metropolitan Statistical Area consists of Collin, Dallas, Denton, and Ellis Counties, Texas.

<sup>7</sup>The El Paso Standard Metropolitan Statistical Area consists of El Paso County, Texas.

<sup>8</sup>The Fort Worth Standard Metropolitan Statistical Area consists of Johnson and Tarrant Counties, Texas.

<sup>9</sup>The Galveston Standard Metropolitan Statistical Area consists of Galveston County, Texas.

<sup>10</sup>The Houston Standard Metropolitan Statistical Area consists of Harris County, Texas.

<sup>11</sup>The Laredo Standard Metropolitan Statistical Area consists of Webb County, Texas.

<sup>12</sup>The Lubbock Standard Metropolitan Statistical Area consists of Lubbock County, Texas.

<sup>13</sup>The San Angelo Standard Metropolitan Statistical Area consists of Tom Green County, Texas.

<sup>14</sup>The San Antonio Standard Metropolitan Statistical Area consists of Bexar County, Texas.

<sup>15</sup>The Saco Standard Metropolitan Statistical Area consists of McLennan County, Texas.

<sup>16</sup>The Wichita Falls Standard Metropolitan Statistical Area consists of Wichita County, Texas.

<sup>17</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

GROUP 20

GROUP 21

GROUP 22

## 1958 CENSUS OF MANUFACTURES

Table 43.--GENERAL STATISTICS FOR UTAH, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 and 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>2</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
UTAH, TOTAL.....	992	297	37,204	184,465	404,600	425,206	30,887	29,947	276,343
STANDARD METROPOLITAN STATISTICAL AREAS									
Ogden <sup>3</sup> .....	114	42	4,634	22,821	41,699	44,182	3,156	3,079	21,743
Salt Lake City <sup>4</sup> .....	500	164	19,482	90,701	192,469	211,490	14,723	15,511	161,496
COUNTIES <sup>4</sup>									
Box Elder.....	26	8	770	4,314	6,921	6,837	(D)	425	2,063
Cache.....	42	13	973	5,290	8,904	8,652	563	788	5,460
Davis.....	31	11	1,079	5,129	13,861	13,666	2,207	1,071	9,703
Salt Lake.....	500	164	19,119	88,435	192,469	211,490	14,723	15,110	161,496
Tooele.....	14	8	537	3,257	5,431	5,331	1,474	479	4,616
Utah.....	95	30	7,398	47,173	115,614	113,900	5,827	6,734	56,578
Weber.....	114	42	4,526	22,126	41,699	44,182	3,156	2,937	21,743

D Withheld to avoid disclosing data for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the Standard Metropolitan Statistical Areas but are excluded from the county totals. For a definition of these units see text.<sup>2</sup>The Ogden Standard Metropolitan Statistical Area consists of Weber County, Utah.<sup>3</sup>The Salt Lake City Standard Metropolitan Statistical Area consists of Salt Lake County, Utah.<sup>4</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 44.--GENERAL STATISTICS FOR VERMONT, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 and 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>2</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
VERMONT, TOTAL.....	1,014	279	32,676	132,745	236,226	236,342	11,449	36,112	222,965
STANDARD METROPOLITAN STATISTICAL AREAS (None in this State)									
COUNTIES <sup>2</sup>									
Addison.....	38	10	1,248	4,333	8,984	9,100	240	1,146	6,756
Bernington.....	82	30	3,381	13,375	22,918	24,055	1,005	3,458	19,570
Caledonia.....	56	8	1,486	5,616	11,671	11,612	624	1,950	12,336
Chittenden.....	110	39	4,095	19,468	34,081	33,888	3,416	4,978	30,805
Franklin.....	49	12	1,675	7,152	19,399	18,866	589	1,782	14,229
Lamoille.....	31	7	473	1,368	1,708	1,966	109	594	1,963
Orleans.....	39	13	1,234	4,230	6,215	6,560	264	1,150	5,560
Rutland.....	116	28	3,896	14,315	31,596	30,067	1,195	4,538	22,669
Washington.....	178	58	4,015	15,802	26,883	27,100	759	3,232	16,338
Windham.....	126	36	3,187	11,886	25,078	24,371	868	3,321	20,558
Windsor.....	114	25	6,030	27,915	37,474	38,028	2,007	8,012	62,724

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State but are excluded from the county totals. For a definition of these units see text.<sup>2</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

1956 CENSUS OF MANUFACTURES

Table 4.—GENERAL STATISTICS FOR VIRGINIA, 1956 STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES

See text for explanation of column captions

Standard metropolitan statistical areas and counties	1950								
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	All employees <sup>2</sup>	Value added by manufacture
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
VIRGINIA, TOTAL.....	4,118	1,382	257,890	984,731	2,129,950	1,130,340	141,000	240,700	1,100,000
STANDARD METROPOLITAN STATISTICAL AREAS									
Lynchburg <sup>3</sup> .....	178	—	15,718	50,018	85,489	88,620	1,000	NA	NA
Newport News-Hampton <sup>3</sup> .....	131	—	17,316	88,668	116,864	127,480	3,230	18,170	10,000
Norfolk-Portsmouth <sup>4</sup> .....	335	—	15,153	63,185	132,388	133,948	6,170	15,720	10,000
Richmond <sup>5</sup> .....	497	289	41,803	192,134	448,741	451,250	20,280	70,540	20,000
Roanoke <sup>6</sup> .....	163	—	17,706	77,000	109,870	101,613	3,420	12,750	10,000
Washington (D.C.), total <sup>7</sup> .....	998	285	35,421	181,951	302,892	314,939	20,000	30,700	10,000
Portion in Virginia.....	165	58	5,386	24,876	36,395	37,112	1,510	1,500	1,000
Portion in District of Columbia.....	608	145	21,242	113,805	193,444	197,662	14,000	20,000	10,000
Portion in Maryland.....	325	82	9,103	43,570	73,653	80,195	4,480	7,000	10,000
COUNTIES AND INDEPENDENT CITIES <sup>8</sup>									
Accomack County.....	52	17	1,266	2,381	3,639	3,614	100	1,100	1,000
Albemarle County and Charlottesville City.....	77	28	4,907	17,163	47,682	48,486	1,770	3,550	1,000
Ashcroft County.....	31	5	334	789	1,252	1,288	89	299	1,000
Appomattox County.....	20	6	664	1,555	2,526	2,472	56	674	1,000
Augusta County and Staunton and Waynesboro Cities.....	86	41	9,971	45,899	81,689	79,579	8,243	7,908	10,000
Bedford County.....	62	10	2,005	6,774	11,943	11,720	700	1,000	1,000
Bland County.....	25	5	333	597	846	855	30	270	600
Botetourt County.....	23	8	973	2,718	9,368	9,175	340	696	1,000
Brunswick County.....	41	9	726	1,479	2,266	2,287	245	577	1,000
Buckingham County.....	30	3	340	692	1,005	1,006	52	316	500
Campbell County and Lynchburg City.....	147	72	14,851	53,029	87,237	87,392	3,848	13,646	10,000
Caroline County.....	38	4	438	897	1,621	1,623	142	461	1,000
Carroll and Grayson Counties and Galax City.....	94	25	5,207	13,586	26,596	26,250	554	4,111	10,000
Charlotte County.....	33	5	1,046	2,582	4,608	4,226	430	1,000	1,000
Clarke County.....	11	4	672	1,862	3,341	3,353	213	453	1,000
Culpeper County.....	29	3	585	1,634	3,634	3,822	95	620	1,000
Dinwiddie County and Petersburg City.....	70	25	5,463	17,669	7,717	71,245	1,323	6,300	10,000
Essex County.....	31	4	371	701	1,355	1,315	210	370	500
Floyd County.....	44	3	594	1,200	1,593	1,564	80	269	500
Franklin County.....	70	13	1,479	4,144	6,616	7,103	217	1,364	1,000
Frederick County and Winchester City.....	58	23	3,224	10,560	22,620	20,892	836	3,469	10,000
Gloucester County.....	32	6	419	724	1,219	1,280	115	358	1,000
Greensville County.....	33	10	1,425	4,611	13,163	13,972	463	1,000	1,000
Halifax County.....	42	12	3,034	8,248	14,371	13,046	577	2,662	1,000
Hampton City.....	56	16	1,315	3,927	7,354	7,723	960	1,234	1,000
Hanover County.....	60	11	988	2,234	3,150	3,137	282	470	1,000
Henry County and Martinsville City.....	122	43	15,039	52,797	169,294	169,197	8,042	14,000	10,000
Isle of Wight County.....	23	8	2,508	11,044	21,318	21,992	(D)	2,569	1,000
King and Queen County.....	32	5	367	548	668	670	90	212	600
Lancaster County.....	34	13	827	1,466	2,198	1,947	127	604	1,000
Louisa County.....	66	9	954	1,932	3,250	3,270	329	786	1,000
Madison County.....	23	5	497	1,019	1,475	1,496	85	280	700
Mecklenburg County.....	55	15	3,114	7,524	13,872	16,849	467	1,000	1,000
Middlesex County.....	28	2	258	473	812	890	61	208	700
Montgomery County and Radford City.....	41	15	4,873	1,000	1,000	28,000	480	7,000	10,000
Nansemond County and Suffolk City.....	64	25	3,874	10,736	16,647	37,486	1,114	1,150	10,000
Norfolk County and Norfolk, Portsmouth, and South Norfolk Cities.....	317	124	14,631	60,530	130,629	132,420	6,090	10,188	10,000
Northampton County.....	23	9	1,073	2,519	4,339	6,000	110	1,100	1,000
Northumberland.....	45	10	776	1,606	3,871	3,911	70	461	1,000
Notowmy.....	27	7	726	1,794	3,115	3,111	70	270	1,000
Orange.....	27	8	1,821	6,438	10,950	11,200	320	1,000	1,000
Page.....	20	7	1,194	3,248	7,311	7,090	470	1,000	1,000
Patrick.....	71	6	1,277	3,218	7,578	7,000	400	1,000	1,000
Pittsylvania County and Danville City.....	111	42	14,369	47,633	77,188	77,110	1,000	10,000	10,000
Prince Edward.....	23	5	712	1,507	2,400	2,100	100	1,000	1,000
Prince George County and Hopewell City.....	36	11	3,910	10,774	10,000	7,000	1,000	10,000	10,000

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22



## 1958 CENSUS OF MANUFACTURES

Table #5.--GENERAL STATISTICS FOR VIRGINIA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>a</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number <sup>b</sup>	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
VIRGINIA--Continued									
COUNTIES AND INDEPENDENT CITIES <sup>a</sup> --Continued									
Prince William County.....	23	5	314	1,151	2,672	2,675	162	225	1,344
Pulaski County.....	38	20	2,768	8,412	11,955	12,200	1,023	2,231	11,430
Richmond City.....	398	171	31,340	130,181	375,028	377,701	14,428	30,375	285,599
Richmond County.....	30	6	566	1,021	2,327	2,248	136	435	1,591
Roanoke County and Roanoke City.....	163	75	14,231	56,641	109,871	101,613	3,420	12,732	62,923
Rockingham County and Harrisonburg City.....	86	40	4,346	14,183	53,513	55,792	3,258	4,056	41,658
Russell County.....	14	2	272	617	967	986	39	39	154
Shenandoah County.....	42	16	1,673	3,909	6,506	6,631	594	1,148	3,661
Smyth County.....	37	11	4,076	15,410	36,475	38,229	1,482	3,581	30,187
Southampton County.....	22	9	705	2,258	5,549	5,755	367	538	1,454
Sussex County.....	22	5	367	792	1,059	1,094	74	467	1,375
Tazewell County.....	45	14	1,364	4,078	6,127	6,675	182	984	3,698
Warren County.....	19	7	2,656	11,048	27,943	27,684	768	2,686	29,835
Washington County and Bristol City.....	75	35	4,635	17,059	37,237	37,723	2,247	4,294	22,937
Westmoreland County.....	33	9	388	552	1,297	1,466	89	322	1,345
Wise County and Norton City.....	34	7	652	2,253	3,556	3,696	418	543	1,877
Wythe County.....	21	5	882	2,755	6,435	6,489	256	1,369	6,015

INDEPENDENT CITIES<sup>3</sup>:

Bristol (see Washington County)	Lynchburg (see Campbell County)	Radford (see Montgomery County)
Charlottesville (see Albemarle County)	Martinsville (see Henry County)	Roanoke (see Roanoke County)
Danville (see Pittsylvania County)	Norfolk (see Norfolk County)	South Norfolk (see Norfolk County)
Galax (see Carroll County and Greyson County)	Norton (see Wise County)	Staunton (see Augusta County)
Harrisonburg (see Rockingham County)	Petersburg (see Dinwiddie County)	Suffolk (see Nansemond County)
Hopewell (see Prince George County)	Portsmouth (see Norfolk County)	Waynesboro (see Augusta County)
		Winchester (see Frederick County)

\*Revised. NA Not available.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.<sup>2</sup>The Lynchburg Standard Metropolitan Statistical Area consists of Lynchburg City and Campbell and Amherst Counties, Virginia.<sup>3</sup>The Newport News-Hampton Standard Metropolitan Statistical Area consists of Newport News and Hampton Cities and York County, Virginia.<sup>4</sup>The Norfolk-Portsmouth Standard Metropolitan Statistical Area consists of Norfolk, South Norfolk, Portsmouth, and Virginia Beach Cities and Norfolk and Princess Anne Counties, Virginia.<sup>5</sup>The Richmond Standard Metropolitan Statistical Area consists of Richmond City and Chesterfield and Henrico Counties, Virginia.<sup>6</sup>The Roanoke Standard Metropolitan Statistical Area consists of Roanoke City and Roanoke County, Virginia.<sup>7</sup>The Washington Standard Metropolitan Statistical Area consists of the District of Columbia; Alexandria and Falls Church Cities and Arlington and Fairfax Counties, Virginia; Montgomery and Prince Georges Counties, Maryland.<sup>8</sup>The sum of the county and independent city figures will not equal the figures shown for the State because data for some of these areas were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.<sup>9</sup>Separate figures for some counties and independent cities are not available at this time. The final report for the State will provide separate figures for these areas.



## 1958 CENSUS OF MANUFACTURE

Table 46.--GENERAL STATISTICS FOR WASHINGTON, ITS STANDARD METROPOLITAN STATISTICAL AREAS

(See text for explanation of column captions.)

Standard metropolitan statistical areas and counties	1958							Capital expenditures, \$1,000	Total value added, \$1,000
	Establishments, number		All employees <sup>1</sup>		Value added by manufacturing <sup>2</sup>				
	Total	With 25 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
WASHINGTON, TOTAL.....	5,083	1,171	216,020	1,178,459	2,137,030	2,140,681	114,249	1,178,459	2,137,030
STANDARD METROPOLITAN STATISTICAL AREA									
Portland <sup>2</sup> .....	1,738	458	58,682	295,396	608,244	608,386	35,148	295,396	608,386
Portion in Washington.....	127	32	7,898	41,482	108,628	108,835	1,925	41,482	108,835
Portion in Oregon.....	1,611	426	50,784	253,914	499,616	499,551	33,223	253,914	499,551
Seattle <sup>3</sup> .....	1,911	483	115,498	663,133	1,049,737	1,063,556	56,872	663,133	1,063,556
Spokane <sup>4</sup> .....	349	92	12,900	70,755	167,677	165,273	6,373	70,755	165,273
Tacoma <sup>5</sup> .....	454	143	16,676	82,907	155,225	151,345	7,312	82,907	151,345
COUNTIES <sup>6</sup>									
Chelan.....	63	20	1,858	9,727	34,451	27,722	853	9,727	27,722
Clallam.....	109	13	2,611	13,034	31,740	31,734	2,289	13,034	31,734
Clark.....	127	32	7,746	40,397	108,628	108,835	1,925	40,397	108,835
Columbia.....	15	2	262	1,021	2,617	2,660	51	1,021	2,660
Cowlitz.....	146	33	8,619	43,743	103,705	103,406	9,464	43,743	103,406
Ferry.....	43	3	341	1,408	2,365	2,535	303	1,408	2,535
Grant.....	42	4	409	2,092	8,025	7,827	183	2,092	7,827
Grays Harbor.....	195	51	7,461	33,888	65,356	64,885	2,941	33,888	64,885
King.....	1,580	418	105,624	614,589	945,508	959,421	49,297	614,589	959,421
Kitsap.....	81	7	1,039	5,066	7,052	7,628	392	5,066	7,628
Kittitas.....	56	8	598	2,713	4,678	5,059	341	2,713	5,059
Klickitat.....	58	13	1,134	5,526	9,738	10,008	1,217	5,526	10,008
Lewis.....	210	36	3,172	13,545	22,370	20,761	1,986	13,545	20,761
Mason.....	82	10	1,912	8,765	16,448	16,069	902	8,765	16,069
Okanogan.....	68	7	1,547	6,944	9,128	8,993	363	6,944	8,993
Pacific.....	85	11	1,014	3,988	6,635	7,113	836	3,988	7,113
Pend Oreille.....	26	5	346	1,566	3,083	3,300	345	1,566	3,300
Pierce.....	454	143	15,725	76,964	155,225	151,345	7,312	76,964	151,345
Skagit.....	156	30	3,346	17,827	36,459	41,566	5,896	17,827	41,566
Skamania.....	27	7	700	3,293	6,246	6,298	536	3,293	6,298
Snohomish.....	331	65	9,402	45,035	104,229	104,135	7,975	45,035	104,135
Spokane.....	349	92	12,883	70,665	167,677	165,273	6,373	70,665	165,273
Stevens.....	83	7	657	2,833	6,205	6,270	590	2,833	6,270
Thurston.....	98	16	2,500	13,280	28,826	29,289	1,202	13,280	29,289
Whitcom.....	155	40	4,011	21,596	61,814	61,658	1,707	21,596	61,658
Yakima.....	188	58	5,174	24,931	53,664	53,734	3,522	24,931	53,734

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Portland Standard Metropolitan Statistical Area consists of Clackamas, Multnomah, and Washington Counties, Oregon; and Clark County, Washington.

<sup>3</sup>The Seattle Standard Metropolitan Statistical Area consists of King and Snohomish Counties, Washington.

<sup>4</sup>The Spokane Standard Metropolitan Statistical Area consists of Spokane County, Washington.

<sup>5</sup>The Tacoma Standard Metropolitan Statistical Area consists of Pierce County, Washington.

<sup>6</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 47.--GENERAL STATISTICS FOR WEST VIRGINIA, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	(\$1,000)		(\$1,000)
WEST VIRGINIA, TOTAL.....	1,909	521	118,634	593,408	1,204,487	1,213,154	164,179	122,390	988,274
STANDARD METROPOLITAN STATISTICAL AREAS									
Charleston <sup>2</sup> .....	190	61	22,987	141,384	307,814	315,244	50,209	23,224	260,482
Huntington-Ashland <sup>3</sup> .....	273	106	22,829	118,170	243,060	244,252	25,632	24,722	209,703
Portion in West Virginia.....	184	67	12,301	57,699	116,128	113,395	7,547	14,660	109,666
Portion in Kentucky.....	42	15	6,211	38,799	77,259	80,434	13,296	5,501	48,327
Portion in Ohio.....	47	24	4,317	21,672	49,673	50,423	4,789	4,561	51,710
Steubenville-Weirton <sup>4</sup> .....	158	75	29,909	173,596	341,123	353,473	29,626	32,581	286,693
Portion in West Virginia.....	72	39	18,804	109,511	223,035	228,957	11,196	20,903	189,698
Portion in Ohio.....	86	36	11,105	64,085	118,088	124,516	18,430	11,678	96,985
Wheeling <sup>5</sup> .....	200	80	17,205	85,571	157,246	149,253	9,422	18,787	117,448
Portion in West Virginia.....	128	56	13,159	66,300	127,888	120,848	8,453	14,531	93,932
Portion in Ohio.....	72	24	4,046	19,271	29,358	28,405	969	4,256	23,516
COUNTIES <sup>6</sup>									
Berkeley.....	36	19	3,612	12,960	29,340	28,069	2,334	3,454	19,381
Cabell.....	142	58	11,627	55,195	112,624	109,104	7,304	13,793	105,863
Greenbrier.....	51	8	1,030	3,060	4,022	4,327	383	987	4,178
Harrison.....	77	29	6,115	29,313	49,353	51,819	2,449	6,597	45,423
Kanawha.....	190	61	21,049	126,409	307,814	315,244	50,209	21,222	260,482
Lewis.....	23	8	1,102	3,268	4,393	4,562	141	1,036	3,359
Logan.....	33	6	481	1,573	2,482	2,623	166	349	1,374
McDowell.....	26	7	378	1,146	2,394	2,563	93	478	2,565
Marion.....	63	16	4,403	21,011	45,921	46,471	1,275	4,304	35,620
Marshall.....	31	17	5,693	28,314	69,302	66,007	6,527	5,828	43,841
Mason.....	15	8	1,019	4,832	6,617	5,604	1,041	1,087	5,611
Mercer.....	51	14	1,682	6,084	10,259	10,434	598	1,550	6,642
Mingo.....	19	7	344	1,348	2,079	2,522	246	416	1,655
Monongalia.....	57	16	2,942	11,136	16,203	15,973	584	3,468	24,223
Morgan.....	20	2	292	650	868	852	42	337	1,001
Nicholas.....	40	4	628	1,933	2,318	2,400	212	746	2,546
Ohio.....	97	39	6,612	31,249	58,586	54,841	1,926	7,750	50,091
Pocahontas.....	21	5	679	1,802	3,357	3,625	79	750	3,125
Preston.....	42	7	664	2,248	3,405	3,385	103	564	2,943
Raleigh.....	54	11	1,235	4,261	7,311	7,447	734	792	4,672
Randolph.....	71	16	1,470	3,533	5,032	5,204	384	1,039	3,083
Richie.....	23	4	410	1,004	1,257	1,236	72	444	1,093
Roane.....	12	4	548	1,599	2,219	2,440	52	365	1,608
Tucker.....	15	2	360	992	1,574	1,528	40	389	1,130
Upshur.....	19	3	351	789	978	936	72	316	932
Wayne.....	42	9	661	2,439	3,504	4,291	243	831	3,803
Wetzel.....	27	4	407	1,736	2,955	2,907	153	674	3,574
Wood.....	89	38	8,967	44,759	91,047	90,966	24,673	7,919	62,924

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Charleston Standard Metropolitan Statistical Area consists of Kanawha County, West Virginia.

<sup>3</sup>The Huntington-Ashland Standard Metropolitan Statistical Area consists of Cabell and Wayne Counties, West Virginia; Boyd County, Kentucky; and Lawrence County, Ohio.

<sup>4</sup>The Steubenville-Weirton Standard Metropolitan Statistical Area consists of Jefferson County, Ohio; and Brooke and Hancock Counties, West Virginia.

<sup>5</sup>The Wheeling Standard Metropolitan Statistical Area consists of Ohio and Marshall Counties, West Virginia; and Belmont County, Ohio.

<sup>6</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 46.—GENERAL STATISTICS FOR WISCONSIN, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1957	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	Value added manufacture, unadjusted
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
WISCONSIN, TOTAL.....	7,782	2,332	439,142	2,207,335	3,977,055	3,963,580	191,788	439,215
STANDARD METROPOLITAN STATISTICAL AREAS								
Duluth-Superior <sup>2</sup> .....	385	90	11,496	57,092	102,967	103,515	6,069	78,814
Portion in Wisconsin.....	57	20	1,502	7,401	12,984	13,401	1,690	12,355
Portion in Minnesota.....	328	70	9,994	49,691	89,983	90,114	4,379	66,459
Green Bay <sup>3</sup> .....	234	72	12,217	59,990	127,744	122,709	7,806	92,972
Kenosha <sup>4</sup> .....	111	40	15,512	84,774	165,493	163,533	2,304	110,401
Madison <sup>5</sup> .....	271	65	12,334	63,314	101,957	100,516	5,666	95,893
Milwaukee <sup>6</sup> .....	2,286	801	185,209	1,021,197	1,739,045	1,725,177	78,068	1,492,957
Racine <sup>7</sup> .....	316	104	21,258	133,327	197,001	209,012	5,533	204,641
COUNTIES <sup>8</sup>								
Ashland.....	58	8	911	3,083	6,203	6,053	465	6,175
Barron.....	80	20	1,583	5,829	12,172	12,093	1,481	7,852
Bayfield.....	37	3	483	2,151	3,769	3,654	297	4,031
Brown.....	234	72	12,166	59,626	127,744	122,709	7,806	92,972
Buffalo.....	25	4	271	766	2,813	2,395	93	1,396
Burnett.....	26	2	275	873	1,490	1,389	112	588
Calumet.....	66	17	2,725	11,006	21,190	21,128	1,036	10,233
Chippewa.....	79	23	3,450	15,353	22,950	30,296	1,640	24,270
Clark.....	92	12	1,062	3,347	7,222	6,949	495	4,992
Columbia.....	70	21	2,387	8,720	16,371	16,345	929	12,359
Crawford.....	56	6	589	2,491	4,762	5,030	462	3,156
Dane.....	271	65	11,704	57,970	101,957	100,516	5,666	95,893
Dodge.....	144	48	6,262	24,124	41,900	40,827	2,311	38,301
Door.....	34	11	1,142	3,986	8,699	8,689	273	9,695
Douglas.....	57	20	1,359	6,585	12,984	13,401	1,690	12,355
Dunn.....	41	10	668	2,220	4,232	3,846	463	5,943
Eau Claire.....	74	27	5,599	32,032	53,948	58,124	5,383	53,857
Fond Du Lac.....	146	50	8,193	36,352	61,504	63,268	4,274	60,457
Forest.....	32	3	549	1,805	2,947	2,882	111	2,805
Grant.....	75	5	641	1,799	4,609	4,540	316	3,763
Green.....	88	16	1,215	4,339	10,994	11,567	485	5,195
Green Lake.....	42	13	1,353	4,528	8,693	8,812	237	6,073
Iowa.....	52	3	343	1,081	3,066	3,239	108	2,343
Jackson.....	28	3	235	749	1,241	1,195	121	1,430
Jefferson.....	114	44	6,761	29,789	59,800	61,142	2,816	42,832
Juneau.....	23	5	656	2,223	5,350	5,431	207	3,367
Kenosha.....	111	40	15,419	84,128	165,493	163,533	2,304	110,401
Kewaunee.....	46	12	1,644	5,999	9,125	8,854	545	9,724
La Crosse.....	124	31	8,424	41,348	76,683	73,904	4,756	66,888
Lancaster.....	46	11	984	3,156	5,445	5,494	362	4,172
Lincoln.....	61	25	2,864	10,413	23,666	23,364	645	17,033
Manitowoc.....	181	60	10,692	46,753	97,338	95,550	4,124	85,594
Marathon.....	184	58	8,550	37,061	64,636	64,903	5,564	62,097
Marquette.....	98	23	4,333	20,484	43,613	43,895	3,065	35,386
Marquette.....	14	5	300	871	1,270	1,268	96	1,292
Milwaukee.....	1,982	718	171,514	945,770	1,656,438	1,641,054	71,768	1,439,620
Monroe.....	36	10	712	2,395	4,456	4,540	704	3,451
Oconto.....	76	17	1,689	5,887	13,602	14,903	646	8,609
Oneida.....	48	15	2,038	9,810	19,475	19,296	2,739	16,663
Outagamie.....	164	67	11,776	58,199	110,977	112,137	4,732	76,260
Ozaukee.....	90	39	4,356	20,718	42,409	44,636	1,578	25,716
Pierce.....	27	3	271	907	1,991	1,886	288	1,484
Polk.....	48	12	745	2,193	5,695	5,586	402	4,912
Portage.....	63	15	2,169	9,151	16,525	17,148	1,656	12,763
Price.....	51	8	842	3,434	5,440	5,338	1,174	6,373
Racine.....	316	104	20,339	107,693	197,001	209,012	5,533	204,641
Richland.....	54	3	329	1,180	2,985	2,892	405	2,101
Rock.....	128	48	16,848	84,374	205,524	184,209	5,539	169,189
Rusk.....	28	9	734	2,803	5,098	5,169	310	3,189
St. Croix.....	34	9	1,115	4,201	6,804	6,950	665	6,452
Sauk.....	80	20	1,981	7,469	13,899	14,432	629	20,435
Shawano.....	98	19	1,699	6,038	9,370	10,283	955	10,441
Sheboygan.....	238	94	13,141	60,094	106,333	108,916	7,242	80,807
Taylor.....	34	6	846	2,994	4,521	4,806	261	3,747
Trempealeau.....	43	10	862	2,821	4,992	5,143	612	3,050
Vilas.....	33	5	425	1,295	2,177	2,191	272	1,945

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22

## 1958 CENSUS OF MANUFACTURES

Table 48.--GENERAL STATISTICS FOR WISCONSIN, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	Value added by manufacture, unadjusted
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	(\$1,000)	All employees, number <sup>1</sup>
WISCONSIN--Continued								
COUNTIES <sup>2</sup> --Continued								
Walworth.....	99	31	3,758	16,813	32,310	32,451	1,833	3,222
Washburn.....	22	2	257	803	1,064	1,163	171	165
Washington.....	98	35	5,648	26,844	57,043	56,738	2,154	5,218
Waukesha.....	304	83	9,556	47,886	82,607	84,123	6,300	8,014
Waupaca.....	116	21	2,954	11,617	26,447	22,962	1,165	2,289
Wausara.....	22	5	453	1,317	2,662	2,713	112	332
Winnebago.....	243	105	16,201	78,830	159,522	160,254	6,696	16,378
Wood.....	104	31	9,010	41,259	76,941	79,360	4,517	7,827

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The Duluth-Superior, Minnesota-Wisconsin Standard Metropolitan Statistical Area consists of St. Louis County, Minnesota and Douglas County, Wisconsin.

<sup>3</sup>The Green Bay, Wisconsin Standard Metropolitan Statistical Area consists of Brown County, Wisconsin.

<sup>4</sup>The Kenosha, Wisconsin Standard Metropolitan Statistical Area consists of Kenosha County, Wisconsin.

<sup>5</sup>The Madison, Wisconsin Standard Metropolitan Statistical Area consists of Dane County, Wisconsin.

<sup>6</sup>The Milwaukee, Wisconsin Standard Metropolitan Statistical Area consists of Milwaukee and Waukesha Counties, Wisconsin.

<sup>7</sup>The Racine, Wisconsin Standard Metropolitan Statistical Area consists of Racine County, Wisconsin.

<sup>8</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 49.--GENERAL STATISTICS FOR WYOMING, ITS STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	Value added by manufacture, unadjusted
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	(\$1,000)	All employees, number <sup>1</sup>
WYOMING, TOTAL.....	330	57	6,496	31,674	65,822	63,220	6,903	6,261
STANDARD METROPOLITAN STATISTICAL AREAS								
(None in this State)								
COUNTIES <sup>2</sup>								
Albany.....	20	6	591	2,505	4,659	4,612	291	553
Big Horn.....	18	5	284	1,289	2,349	2,054	248	249
Laramie.....	39	9	1,040	5,152	11,915	11,582	(D)	840
Natrona.....	41	9	1,829	10,638	18,822	17,073	1,367	1,728

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State but are excluded from the county totals. For a definition of these units see text.

<sup>2</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.



MC(P)-4  
Preliminary



GENERAL STATISTICS FOR  
SELECTED STANDARD METROPOLITAN  
STATISTICAL AREAS BY  
MAJOR INDUSTRY GROUPS

1958  
Census  
of  
Manufactures



**U.S. DEPARTMENT OF COMMERCE**  
Frederick H. Mueller, Secretary  
**BUREAU OF THE CENSUS**  
Robert W. Burgess, Director

GROUP 20

GROUP 21  
GROUP 22





# BUREAU OF THE CENSUS

ROBERT W. BURGESS, Director

A. ROSS ECKLER, Deputy Director  
HOWARD C. GRIEVES, Assistant Director  
CONRAD TAEUBER, Assistant Director  
MORRIS H. HANSEN, Assistant Director for Statistical Standards  
LOWELL T. GALT, Assistant Director for Operations  
WALTER L. KEHRES, Assistant Director for Administration  
CALVERT L. DEDRICK, Chief, International Statistical Programs Office  
A. W. VON STRUVE, Acting Public Information Officer

## Industry Division

MAXWELL R. CONKLIN, Chief  
OWEN C. GRETTON, Assistant Chief

The statistics in this report will be superseded by data which will appear in the 1958 Census of Manufactures final Area reports which, in turn, will be included in Volume III, Area Statistics.

## SUGGESTED IDENTIFICATION

U. S. Bureau of the Census. Census of Manufactures: 1958  
*General Statistics for Selected Standard Metropolitan Statistical Areas  
by Major Industry Groups*  
Washington 25, D. C., 1960

For sale by the Bureau of the Census, Washington 25, D. C., or any of the Field Offices of the Department of Commerce. . . Price 25 cents

# CONTENTS

	Page		Page
Introduction.....	1	<u>Standard Metropolitan Statistical</u>	
		<u>Areas--Continued</u>	
<u>Standard Metropolitan Statistical Areas</u>		Memphis.....	14
Akron.....	3	Milwaukee.....	14
Albany-Schenectady-Troy.....	3	Minneapolis-St. Paul.....	14
Allentown-Bethlehem-Easton.....	3	Newark.....	15
Atlanta.....	4	New Haven.....	15
Baltimore.....	4		
		New Orleans.....	15
Binghamton.....	4	New York.....	16
Birmingham.....	5	New York-Northeastern New Jersey .	16
Boston.....	5	Paterson-Clifton-Passaic.....	17
Bridgeport.....	5	Peoria.....	17
Buffalo.....	6		
		Philadelphia.....	17
Canton.....	6	Pittsburgh.....	18
Chattanooga.....	6	Portland.....	18
Chicago.....	6	Providence.....	18
Chicago and Gary-Hammond-East		Reading.....	19
Chicago.....	7		
Cincinnati.....	7	Richmond.....	19
		Rochester.....	19
Cleveland.....	7	St. Louis.....	20
Columbus.....	8	San Diego.....	20
Dallas.....	8	San Francisco-Oakland.....	20
Dayton.....	8		
Denver.....	9	San Jose.....	21
		Seattle.....	21
Detroit.....	9	South Bend.....	21
Erie.....	9	Springfield-Holyoke.....	22
Flint.....	9	Syracuse.....	22
Fort Worth.....	10		
Gary-Hammond-East Chicago.....	10	Toledo.....	22
		Trenton.....	23
Grand Rapids.....	10	Utica-Rome.....	23
Greensboro-High Point.....	11	Waterbury.....	23
Hartford.....	11	Wichita.....	23
Houston.....	11		
Indianapolis.....	12	Wilmington.....	24
		Worcester.....	24
Jersey City.....	12	York.....	24
Kansas City (Missouri) Kansas City		Youngstown.....	25
(Kansas).....	12		
Lancaster.....	13		
Los Angeles-Long Beach.....	13		
Louisville.....	13		



# GENERAL STATISTICS FOR

## SELECTED STANDARD METROPOLITAN STATISTICAL AREAS

### BY MAJOR INDUSTRY GROUPS

This report presents a summary of the statistics for standard metropolitan statistical areas with 40,000 or more manufacturing employees which were previously published in the individual State reports. These figures are the results of preliminary tabulations from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. Comparable statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico. Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945)

Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

Preliminary reports for States, including standard metropolitan statistical areas and counties, have been issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the fall of 1960. The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. Most of these industry reports were released in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies.

GROUP 20

GROUP 21  
GROUP 22

Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all nonproduction personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures

and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

Administrative and auxiliary units.--In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e. g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State and standard metropolitan statistical areas but are excluded from the county figures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



# 1958 CENSUS OF MANUFACTURES

See text for explanation of some notations

Code	Major industry group	1958							
		Establishments, number		All employees		Value added by manufacture		Total manufacturing, \$	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
AFRICK STANDARD METROPOLITAN STATISTICAL AREA (Consists of Summit County, Ohio)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,695	2,229	82,819	478,478	701,086	700,312	55,703	89,561
20	Food and kindred products.....	...	24	2,981	1,742	6,600	37,173	3,060	3,361
24	Lumber and wood products.....	11	5	512	2,728	2,621	3,986	100	516
26	Pulp, paper and products.....	12	8	326	1,442	2,225	2,400	38	79
27	Printing and publishing.....	74	18	1,756	10,443	16,609	16,630	617	1,407
28	Chemicals and products.....	27	7	3,334	10,114	11,808	19,258	1,563	2,889
32	Rubber products.....	45	31	11,625	277,224	348,597	378,568	30,626	5,930
33	Stone, clay, and glass products <sup>2</sup> .....	36	19	2,015	16,337	16,565	18,509	1,538	2,512
34	Primary metal industries.....	22	9	831	4,338	6,455	8,836	548	1,041
35	Fabricated metal products.....	83	30	8,223	43,283	76,440	75,124	(D)	8,472
36	Machinery, except electrical <sup>3</sup> .....	186	38	4,746	27,550	48,182	46,381	1,797	57,738
38	Instruments and related products.....	13	5	298	1,458	2,205	2,243	67	3,101
39	Miscellaneous manufactures (including Ordnance).....	52	17	1,913	7,885	9,710	9,106	612	2,761
--	Administrative and auxiliary <sup>4</sup> .....	...	...	3,548	25,172	...	...	...	2,656
ALBANY-SCHENECTADY-TROY STANDARD METROPOLITAN STATISTICAL AREA (Consists of Albany, Rensselaer, Saratoga, and Schoenectady Counties, New York)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,752	2,281	73,359	400,315	655,061	639,161	36,658	89,898
20	Food and kindred products.....	175	58	5,952	28,149	53,630	60,047	3,516	...
22	Textile mill products.....	35	24	4,084	17,324	28,290	27,363	971	...
24	Lumber and wood products.....	47	4	445	1,542	1,296	2,406	239	...
26	Pulp, paper and products.....	40	24	5,437	27,023	47,484	42,126	4,746	...
27	Printing and publishing.....	100	24	4,607	23,109	36,834	37,503	2,558	...
28	Chemicals and products.....	31	11	4,920	16,290	62,202	69,583	4,712	...
32	Stone, clay, and glass products <sup>2</sup> .....	32	14	4,173	21,846	43,749	44,283	5,425	...
33	Primary metal industries.....	16	12	3,438	19,434	30,900	31,533	2,026	...
34	Fabricated metal products.....	37	13	1,171	5,065	6,728	7,122	405	...
39	Miscellaneous manufactures.....	39	17	2,441	11,449	16,820	15,986	408	...
--	Administrative and auxiliary <sup>4</sup> .....	...	...	10,591	76,123	...	...	...	3,901
ALLENTOWN-BETHLEHEM-EASTON STANDARD METROPOLITAN STATISTICAL AREA (Consists of Lehigh and Northampton Counties, Pennsylvania; Warren County, New Jersey)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	21,009	2,542	95,352	434,253	704,062	695,553	45,288	94,208
20	Food and kindred products.....	139	44	5,143	24,037	44,683	46,152	7,306	3,703
22	Textile mill products.....	103	69	8,136	30,822	49,128	48,398	2,556	9,131
23	Apparel and related products.....	256	213	17,787	44,830	66,544	67,080	673	18,277
25	Furniture and fixtures.....	29	12	515	2,018	3,019	3,132	62	651
26	Pulp, paper and products.....	21	14	2,861	12,882	17,699	17,458	3,959	19,454
27	Printing and publishing.....	83	17	2,493	11,368	19,911	19,983	1,159	15,723
28	Chemicals and products.....	34	16	2,368	11,709	21,199	22,963	1,834	19,690
31	Leather and leather goods.....	11	10	1,117	3,445	4,935	4,937	74	1,188
32	Stone, clay, and glass products <sup>2</sup> .....	90	43	5,585	27,088	71,036	72,780	8,100	1,124
34	Fabricated metal products.....	65	30	5,105	25,793	50,076	47,387	1,343	43,783
35	Machinery, except electrical <sup>3</sup> .....	64	24	6,924	33,137	63,442	58,099	2,922	50,637
36	Electrical machinery.....	23	17	6,759	30,103	64,950	66,131	4,381	6,766
39	Miscellaneous manufactures (including Ordnance).....	27	11	1,689	6,412	12,041	13,149	887	9,319
--	Administrative and auxiliary <sup>4</sup> .....	...	...	5,974	50,683	...	...	...	3,443

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22

## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954			
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)				
		ATLANTA STANDARD METROPOLITAN STATISTICAL AREA (Consists of Clayton, Cobb, De Kalb, Fulton and Gwinnett Counties, Georgia)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 1,314	<sup>2</sup> 524	83,830	380,621	706,974	719,005	57,839	81,966	561,051	
20	Food and kindred products.....	196	93	11,908	47,004	125,631	127,467	17,327	(8)	(8)	
22	Textile mill products.....	29	18	6,162	17,660	25,978	25,411	753			
23	Apparel and related products.....	90	57	7,225	20,464	46,884	47,646	690			
24	Lumber and wood products.....	108	20	1,591	4,353	5,755	5,828	455			
25	Furniture and fixtures.....	82	29	3,891	13,491	23,956	24,379	602			
26	Pulp, paper and products.....	40	29	4,384	19,827	36,914	38,451	1,946			
27	Printing and publishing.....	223	59	5,901	30,253	53,051	53,336	4,039			
28	Chemicals and products.....	107	46	2,713	13,542	30,498	33,392	1,418			
31	Leather and leather goods.....	13	9	1,735	5,122	9,241	9,463	85			
32	Stone, clay, and glass products <sup>3</sup> .....	76	27	2,410	9,844	23,232	23,601	1,459			
33	Primary metal industries.....	18	10	2,038	9,376	10,466	10,417	184	(7)	(7)	
34	Fabricated metal products.....	100	37	2,871	12,502	21,674	22,845	1,483			
35	Machinery, except electrical <sup>5</sup> .....	101	44	3,598	16,538	28,778	29,292	664			
36	Electrical machinery.....	20	11	1,434	6,999	15,190	16,295	444			
37	Transportation equipment.....	29	10	21,435	132,698	225,251	226,754	24,774			
39	Miscellaneous manufactures (including Ordnance).....	57	20	2,832	10,029	20,811	20,817	1,202			
--	Administrative and auxiliary.....	...	...	1,274	9,283	...	...	...			
		BALTIMORE STANDARD METROPOLITAN STATISTICAL AREA (Consists of Baltimore City and Anne Arundel, Baltimore, Carroll, and Howard Counties, Maryland)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 2,109	<sup>2</sup> 866	197,941	1,011,483	1,932,691	1,945,920	84,751	196,138	1,575,794	
20	Food and kindred products.....	325	154	22,335	103,301	226,951	235,654	9,219	(7)	(7)	
22	Textile mill products.....	22	11	2,999	10,458	15,726	15,343	526			
23	Apparel and related products.....	282	146	15,794	52,509	94,887	95,389	1,395			
24	Lumber and wood products.....	118	34	2,003	7,042	10,245	10,688	477			
25	Furniture and fixtures.....	87	37	4,024	14,217	25,669	25,563	455			
26	Pulp, paper and products.....	56	42	6,680	30,858	54,312	55,985	3,228			
27	Printing and publishing.....	302	81	9,662	48,217	75,058	75,511	2,197			
28	Chemicals and products.....	150	72	8,937	44,522	152,029	154,684	11,016			
29	Petroleum and coal products.....	17	8	857	5,031	11,806	11,668	1,515			
30	Rubber products.....	10	9	2,553	10,117	17,887	18,665	723			
31	Leather and leather goods.....	13	9	1,554	4,833	6,938	7,021	73			
32	Stone, clay, and glass products <sup>3</sup> .....	91	36	5,632	27,906	63,531	63,921	2,879			
33	Primary metal industries.....	35	20	35,559	207,946	429,094	426,258	22,557	(D)	(D)	
34	Fabricated metal products.....	197	78	12,846	66,903	119,830	123,055	5,525			
35	Machinery, except electrical <sup>3</sup> .....	172	49	8,466	43,814	84,851	85,409	4,338			
36	Electrical machinery.....	37	17	13,041	79,291	125,817	123,183	4,299			
37	Transportation equipment.....	77	24	34,548	195,858	345,268	344,809	9,770			
38	Instruments and related products.....	20	3	1,048	5,451	7,737	7,698	(D)			
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,902	11,135	...	...	...			
		BINGHAMTON STANDARD METROPOLITAN STATISTICAL AREA (Consists of Broome County, New York)									
	ALL INDUSTRIES, TOTAL <sup>1, 5</sup> .....	<sup>2</sup> 303	<sup>2</sup> 134	39,553	193,979	251,788	242,358	12,280	42,147	268,720	
20	Food and kindred products.....	57	19	1,730	8,040	14,300	14,018	538	1,674	10,348	
23	Apparel and related products.....	12	6	467	1,153	1,581	1,584	24	718	2,569	
26	Pulp, paper and products.....	12	9	1,186	8,238	12,308	12,569	187	943	14,133	
27	Printing and publishing.....	34	7	1,242	6,043	9,463	9,561	139	1,075	7,025	
28	Chemicals and products.....	7	3	246	1,058	4,250	4,253	79	249	3,607	
33	Primary metal industries.....	4	3	466	2,155	2,751	2,715	177	547	3,286	
34	Fabricated metal products.....	22	10	655	2,840	4,186	4,193	295	797	4,489	
36	Electrical machinery.....	12	7	1,061	3,663	5,827	5,736	124	725	3,814	
--	Administrative and auxiliary.....	...	...	1,488	7,588	...	...	...	1,645	...	

See footnotes at end of table.

## 1948 CENSUS OF MANUFACTURES

Text for explanation of column captions

Establishment, number	All employees	Value added manufacturing		Total manufacturing value added	All manufacturing value added
		Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)
Total	With 50 or more employ- ees				
BIRMINGHAM STANDARD METROPOLITAN STATISTICAL AREA (Consists of Jefferson County, Alabama)					
Food and kindred products	20	6,238	24,285	47,760	2,408,547
Textile mill products	22	1,004	7,777	4,781	1,482
Apparel and related products	23	1,004	7,777	4,781	1,482
Lumber and wood products	24	19	606	3,427	2,635
Furniture and fixtures	25	14	404	7,343	983
Pulp, paper and products	26	7	238	2,900	5,320
Printing and publishing	27	17	2,233	10,873	21,977
Chemicals and products	28	2	526	7,510	17,300
Petroleum and coal products	29	32	13,193	32,111	33,248
Primary metal industries	30	39	21,443	133,299	275,780
Fabricated metal products	31	43	36,739	39,065	62,944
Machinery, except electrical	32	7	16,723	25,124	23,634
Electrical machinery	33	7	757	3,817	6,617
Transportation equipment	34	7	10,127	51,702	61,301
Miscellaneous manufactures (including Ordnance)	35	9	501	1,630	3,709
Administrative and auxiliary	36	3,024	22,758	...	...

BOSTON STANDARD METROPOLITAN STATISTICAL AREA  
(Consists of all of Suffolk County; Cambridge, Everett, Malden, Medford, Melrose, Newton, Somerville, Waltham, and Woburn Cities and Arlington, Ashland, Bedford, Burlington, Concord, Framingham, Lexington, Lincoln, Mattick, North Reading, Reading, Stoneham, Sudbury, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Beverly, Lynn, Peabody, and Salem Cities and Danvers, Hamilton, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County; Quincy City and Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Holbrook, Medfield, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Walpole, Wellesley, Westwood, and Weymouth towns in Norfolk County; Duxbury, Hanover, Rirgham, Hull, Marshfield, Norwell, Pembroke, Rockland, and Scituate towns in Plymouth County, Massachusetts)

ALL INDUSTRIES, TOTAL	25,627	2,025	298,085	1,419,598	2,377,783	2,408,547	99,659
Food and kindred products	582	217	30,505	134,103	243,169	254,933	11,482
Textile mill products	134	50	7,071	30,509	47,760	47,891	2,635
Apparel and related products	777	303	25,906	84,856	146,712	147,474	9,645
Lumber and wood products	132	30	2,110	9,279	13,424	14,330	529
Furniture and fixtures	230	65	3,938	16,369	26,600	26,320	983
Pulp, paper and products	103	78	10,273	47,802	82,866	84,102	5,320
Printing and publishing	714	164	22,402	117,743	409,699	111,887	17,188
Chemicals and products	29	82	8,891	48,112	124,592	124,592	4,468
Petroleum and coal products	23	3	1,235	7,427	15,385	16,579	1,065
Rubber products	60	38	14,408	67,923	118,694	121,219	4,382
Leather and leather goods	386	190	22,548	87,536	142,083	143,005	1,688
Primary metal industries	88	3	3,590	19,205	26,300	40,069	1,417
Fabricated metal products	518	176	16,620	81,605	163,031	166,177	7,727
Machinery, except electrical	607	187	28,381	152,005	257,297	257,429	9,676
Electrical machinery	257	123	42,701	209,534	376,544	367,051	11,333
Transportation equipment	70	38	19,606	119,591	200,876	190,904	6,304
Instruments and related products	118	49	11,558	99,724	91,203	115,608	6,594
Administrative and auxiliary	...	...	15,341	84,774	...	...	...

BRIDGEPORT STANDARD METROPOLITAN STATISTICAL AREA  
(Consists of Bridgeport and Shelton Cities and Fairfield, Monroe, Stratford, and Trumbull Towns in Fairfield County; and Milford Town in New Haven County, Connecticut)

ALL INDUSTRIES, TOTAL	2,773	2,89	64,97	131,066	565,368	46,767	2,419
Food and kindred products	54	23	1,828	7,8	16,114	16,316	64
Textile mill products	...	6	618	...	3,4	1,704	...
Apparel and related products	...	42	3,996	12,502	24,301	1,618	617
Furniture and fixtures	13	5	1,113	1,113	1,022	6	4
Pulp, paper and products	1	6	562	3,465	8,281	1,000	...
Printing and publishing	58	13	1,266	7,746	11,114	1,111	...
Chemicals and products	19	836	7,764	8,168	1,111	1,111	164
Rubber products	1	8	1,032	16,771	2,7	3,4	1,000
Stone, clay, and glass products	22	4	1,129	1,129	1,129	1,129	...
Primary metal industries	40	10	4,11	28,11	...	5,384	...
Fabricated metal products	173	44	746	28,13	...	4,11	...
Machinery, except electrical	267	43	19,282	57,06	8,000	61,908	...
Electrical machinery	47	21	9,897	17,421	1,2,14	161,000	...
Transportation equipment	18	11	14,921	8,600	...	...	...
Instruments and related products	21	11	3,427	14,000	...	...	...
Miscellaneous manufactures (including Ordnance)	47	10	3,38	11,800	...	...	...
Administrative and auxiliary	...	...	1,800	...	...	...	...

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22

## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954--Continued

(See text for explanation of column captions)

		1958						1954	
Code	Major industry group	Establishments, number		All employees		Value added by manufacture		Capital expenditures, new	Value added by manufacture, unadjusted
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	All employees, number	(\$1,000)
BUFFALO STANDARD METROPOLITAN STATISTICAL AREA (Consists of Erie and Niagara Counties, New York)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,183	2706	176,890	995,725	1,784,789	1,755,042	109,814	203,357
20	Food and kindred products.....	349	147	16,510	78,957	178,098	179,796	10,139	154,166
22	Textile mill products.....	21	14	1,416	6,294	9,661	10,047	479	12,325
23	Apparel and related products.....	69	19	2,665	9,672	14,458	13,215	117	13,720
24	Lumber and wood products.....	49	17	1,010	4,020	5,098	5,888	387	5,192
25	Furniture and fixtures.....	40	13	1,840	8,922	14,236	14,178	427	17,812
26	Pulp, paper and products.....	55	37	6,392	31,726	57,421	58,154	3,155	57,235
27	Printing and publishing.....	226	45	6,390	34,770	61,972	62,418	2,083	57,830
28	Chemicals and products.....	127	49	15,385	94,457	227,018	221,193	27,179	204,777
29	Petroleum and coal products.....	13	11	1,004	6,407	14,719	14,247	7,640	10,553
30	Rubber products.....	11	7	3,368	22,655	37,083	35,540	1,463	25,666
32	Stone, clay, and glass products <sup>3</sup> .....	96	43	7,210	39,596	71,893	73,604	4,421	67,803
33	Primary metal industries.....	79	50	31,858	186,959	338,200	347,434	20,970	326,650
34	Fabricated metal products.....	206	70	7,686	41,051	72,679	68,225	3,142	68,007
35	Machinery, except electrical <sup>3</sup> .....	265	78	14,408	81,070	122,935	116,835	6,855	105,956
36	Electrical machinery.....	37	23	11,616	63,531	126,812	126,816	4,202	112,838
37	Transportation equipment.....	51	37	36,593	220,369	360,675	333,759	14,809	70,668
38	Instruments and related products.....	31	12	3,070	15,701	32,665	33,405	828	17,841
39	Miscellaneous manufactures (including Ordnance).....	97	34	4,890	25,531	38,956	40,078	1,515	47,351
--	Administrative and auxiliary <sup>4</sup> .....	...	...	3,548	23,942	...	...	...	...
CANTON STANDARD METROPOLITAN STATISTICAL AREA (Consists of Stark County, Ohio)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,472	2186	50,981	268,252	492,906	503,083	26,170	449,371
20	Food and kindred products.....	81	32	4,467	20,463	33,906	35,754	1,259	26,424
26	Pulp, paper and products.....	12	8	553	2,594	4,829	4,842	147	3,177
27	Printing and publishing.....	54	11	1,193	6,195	11,254	11,285	594	8,175
28	Chemicals and products.....	26	9	490	2,460	11,880	11,880	329	6,226
30	Rubber products.....	13	10	1,541	7,102	10,479	10,795	305	8,457
32	Stone, clay, and glass products <sup>3</sup> .....	36	17	3,190	14,595	23,862	24,520	1,943	21,169
33	Primary metal industries.....	35	24	16,431	93,307	183,555	192,863	6,108	165,292
34	Fabricated metal products.....	69	30	6,603	34,003	63,327	62,363	1,476	53,200
35	Machinery, except electrical <sup>3</sup> .....	72	20	12,490	67,019	116,010	115,211	9,994	121,965
39	Miscellaneous manufactures (including Ordnance).....	21	5	354	1,703	2,631	2,616	173	560
--	Administrative and auxiliary <sup>4</sup> .....	...	...	255	2,203	...	...	...	3,418
CHATTANOOGA STANDARD METROPOLITAN STATISTICAL AREA (Consists of Hamilton County, Tennessee; and Walker County, Georgia)									
	All industries, total <sup>1</sup> .....	2,432	2197	41,328	166,903	341,633	333,995	12,190	277,314
20	Food and kindred products.....	66	33	3,411	13,137	27,852	30,897	1,596	19,533
22	Textile mill products.....	48	43	11,286	34,500	61,194	60,237	2,414	53,947
24	Lumber and wood products.....	39	9	1,017	3,199	4,953	4,743	179	5,549
25	Furniture and fixtures.....	25	10	1,066	3,928	6,227	6,240	102	4,934
26	Pulp, paper and products.....	9	7	1,361	5,661	13,253	13,081	603	10,734
28	Chemicals and products.....	24	11	3,555	19,815	77,188	75,965	2,273	73,139
31	Leather and leather goods.....	8	6	479	1,445	2,611	2,603	132	1,247
32	Stone, clay, and glass products <sup>3</sup> .....	19	14	2,436	10,271	19,096	19,100	1,463	12,450
33	Primary metal industries.....	14	11	2,528	11,593	29,281	20,775	661	23,072
34	Fabricated metal products.....	41	18	8,368	38,884	62,020	58,816	1,175	41,497
35	Machinery, except electrical <sup>3</sup> .....	39	14	2,645	11,930	20,684	20,726	316	12,310
--	Administrative and auxiliary <sup>4</sup> .....	...	...	248	1,427	...	...	...	...
CHICAGO STANDARD METROPOLITAN STATISTICAL AREA (Consists of Cook, Du Page, Kane, Lake, McHenry, and Will Counties, Illinois)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	213,521	24,971	856,881	4,585,276	8,190,335	8,196,568	467,519	6,978,959
20	Food and kindred products.....	1,189	546	89,410	459,276	1,107,213	1,139,612	43,641	107,317
23	Apparel and related products.....	856	317	31,692	115,064	196,993	199,495	2,828	5,549
24	Lumber and wood products.....	321	76	6,633	31,096	43,731	45,546	1,092	1,092
25	Furniture and fixtures.....	553	193	20,771	97,182	156,789	161,652	5,079	15,236
26	Pulp, paper and products.....	378	206	25,058	125,261	210,180	212,830	37,257	37,257
27	Printing and publishing.....	2,131	570	79,796	468,985	795,373	798,090	32,212	32,212
28	Chemicals and products.....	715	251	34,766	195,190	608,064	628,528	16,386	16,386
29	Petroleum and coal products.....	70	39	6,255	36,581	84,604	87,308	...	...
32	Stone, clay, and glass products <sup>3</sup> .....	465	157	18,811	97,136	182,220	192,528	11,119	11,119
33	Primary metal industries.....	364	215	54,895	322,010	523,262	533,831	96,678	96,678
34	Fabricated metal products.....	2,047	759	96,135	517,743	873,651	885,508	64,210	64,210
35	Machinery, except electrical <sup>3</sup> .....	2,009	597	116,984	603,885	1,124,136	1,108,586	50,433	50,433
36	Electrical machinery.....	608	353	123,390	606,664	1,044,334	1,073,193	49,898	49,898
37	Transportation equipment.....	185	92	33,818	192,406	561,242	426,919	12,186	12,186
39	Miscellaneous manufactures (including Ordnance).....	982	362	35,014	162,178	293,552	302,166	15,685	15,685
--	Administrative and auxiliary <sup>4</sup> .....	...	...	41,078	299,595	...	...	...	...

See footnotes at end of table.



## 1958 CENSUS OF MANUFACTURES

CHICAGO AND GARY-HAMMOND-EAST CHICAGO STANDARD METROPOLITAN STATISTICAL AREA (Consists of Cook, Du Page, Kane, Lake, LaSalle, McHenry and Will Counties Illinois)

See text for explanation of column captions

		1958								
Code	Major industry group	Establishments, number	All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added (\$1,000)	
		Total	With 25 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)				Adjusted (\$1,000)
CHICAGO AND GARY-HAMMOND-EAST CHICAGO STANDARD METROPOLITAN STATISTICAL AREA (Consists of Cook, Du Page, Kane, Lake, McHenry and Will Counties Illinois) Lake and Porter Counties, Indiana)										
	ALL INDUSTRIES TOTAL <sup>1</sup> .....	213,965	25,140	955,437	5,187,966	9,477,321	9,460,051	717,686	1,449,430	
20	Food and kindred products.....	1,253	567	92,848	479,730	1,158,971	1,143,037	47,299	95,244	
22	Textile mill products.....	80	37	6,176	27,958	47,821	47,843	1,786	5,811	
23	Apparel and related products.....	872	354	32,750	118,180	202,777	202,749	8,833	165,375	
24	Lumber and wood products.....	335	80	6,849	32,036	45,197	47,188	4,139	47,425	
25	Furniture and fixtures.....	565	196	21,188	98,776	159,477	164,704	6,077	167,431	
26	Pulp, paper and products.....	382	110	25,523	127,786	215,966	218,750	16,216	178,451	
27	Printing and publishing.....	2,210	576	81,508	478,103	810,076	812,119	38,890	677,109	
28	Chemicals and products.....	748	265	30,068	217,421	716,847	737,168	46,224	516,309	
29	Petroleum and coal products.....	46	15	15,161	94,771	179,628	182,399	6,727	188,490	
30	Leather and leather goods.....	151	53	8,439	34,921	58,729	58,857	4,179	57,534	
31	Stone, clay and glass products.....	518	178	22,226	116,214	225,915	237,155	16,341	148,561	
32	Primary metal industries.....	397	239	113,648	694,115	1,316,404	1,331,344	280,954	1,149,430	
33	Fabricated metal products.....	2,105	724	104,247	565,274	957,841	960,221	66,887	1,150,811	
34	Machinery except electrical <sup>2</sup> .....	2,060	615	119,620	668,300	1,148,988	1,133,638	52,674	1,019,306	
35	Electrical machinery.....	661	355	123,646	607,085	1,467,677	1,075,360	49,015	861,669	
36	Transportation equipment.....	193	99	37,477	213,582	591,080	448,644	13,475	47,781	
37	Instruments and related products.....	294	116	23,985	122,782	237,785	253,748	7,265	191,465	
38	Miscellaneous manufactures (including Ordnance).....	1,004	369	36,834	171,140	305,612	314,549	16,858	39,203	
39	Administrative and auxiliary <sup>3</sup> .....	...	...	41,477	302,210	...	...	...	47,352	

CINCINNATI STANDARD METROPOLITAN STATISTICAL AREA  
(Consists of Hamilton County, Ohio; Campbell and Kenton Counties, Kentucky)

	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	21,784	2769	151,680	809,695	1,493,454	1,501,800	103,560
20	Food and kindred products.....	249	122	17,210	87,534	204,286	206,276	10,445
22	Textile mill products.....	13	7	1,059	4,882	9,972	10,019	526
23	Apparel and related products.....	89	48	7,298	21,567	33,284	33,878	1,271
24	Lumber and wood products.....	41	13	665	2,420	4,303	4,058	122
25	Furniture and fixtures.....	71	32	3,823	17,660	32,537	32,539	772
26	Pulp, paper and products.....	57	38	6,919	33,070	62,109	62,727	4,623
27	Printing and publishing.....	281	91	10,929	54,745	89,693	91,898	5,306
28	Chemicals and products.....	102	50	12,004	74,685	258,745	260,422	7,817
29	Petroleum and coal products.....	14	6	1,721	9,247	25,049	24,946	840
30	Leather and leather goods.....	27	11	2,619	10,109	12,313	12,350	340
31	Stone, clay, and glass products.....	86	25	2,106	10,421	19,050	19,050	321
32	Primary metal industries.....	50	30	3,237	17,086	27,688	28,207	1,377
33	Fabricated metal products.....	208	96	10,626	54,982	89,826	88,262	4,311
34	Machinery, except electrical <sup>2</sup> .....	250	90	19,677	107,445	167,991	159,261	8,796
35	Electrical machinery.....	47	25	7,957	37,639	81,406	77,370	1,992
36	Transportation equipment.....	25	20	25,372	168,151	274,390	240,104	48,588
37	Instruments and related products.....	27	8	788	3,697	8,072	7,214	177
38	Miscellaneous manufactures (including Ordnance).....	138	54	10,996	49,273	92,267	90,111	4,701
39	Administrative and auxiliary <sup>3</sup> .....	...	...	6,238	45,623	...	...	...

CLEVELAND STANDARD METROPOLITAN STATISTICAL AREA  
(Consists of Cuyahoga and Lake Counties, Ohio)

	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	23,896	21,387	261,923	1,511,449	2,452,306	2,428,081	141,667
20	Food and kindred products.....	282	121	15,024	80,910	133,375	133,771	5,382
22	Textile mill products.....	40	20	3,450	13,298	20,197	17,742	1,446
23	Apparel and related products.....	141	52	9,260	32,380	60,162	61,617	1,811
24	Lumber and wood products.....	66	18	1,303	5,613	10,077	9,841	187
25	Furniture and fixtures.....	107	30	3,445	12,338	21,338	21,058	761
26	Pulp, paper and products.....	60	35	5,122	25,435	44,009	45,234	2,616
27	Printing and publishing.....	495	103	14,027	82,158	141,716	140,984	13,151
28	Chemicals and products.....	273	106	14,847	82,668	151,139	147,652	14,887
29	Petroleum and coal products.....	34	14	1,725	10,702	34,463	33,704	1,171
30	Rubber products.....	16	7	1,887	10,433	13,117	12,714	427
31	Stone, clay, and glass products.....	134	52	3,606	19,841	38,440	37,111	1,311
32	Primary metal industries.....	213	117	34,841	206,880	367,770	364,000	13,113
33	Fabricated metal products.....	671	245	29,687	128,872	240,340	240,140	8,000
34	Machinery, except electrical <sup>2</sup> .....	967	456	45,042	263,705	421,111	416,800	18,117
35	Electrical machinery.....	141	82	18,394	98,477	177,018	190,808	6,722
36	Transportation equipment.....	87	51	42,260	263,700	441,860	468,000	2,320
37	Instruments and related products.....	58	26	3,571	18,098	28,420	27,600	1,888
38	Miscellaneous manufactures (including Ordnance).....	186	52	7,837	37,710	49,891	47,200	1,917
39	Administrative and auxiliary <sup>3</sup> .....	...	...	11,017	88,974	...	...	...

GROUP 20

GROUP 21

GROUP 22



## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
COLUMBUS STANDARD METROPOLITAN STATISTICAL AREA (Consists of Franklin County, Ohio)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2836	2306	69,408	363,772	613,870	619,741	47,516	73,633	581,383
20	Food and kindred products.....	123	59	9,134	42,099	79,062	80,173	4,077	8,720	86,468
24	Lumber and wood products.....	23	4	419	2,006	2,982	3,235	167	364	2,727
25	Furniture and fixtures.....	34	8	930	4,351	8,811	8,686	63	700	4,429
26	Pulp, paper and products.....	16	13	1,298	6,359	11,181	11,637	675	1,200	8,561
27	Printing and publishing.....	144	35	4,917	25,718	42,696	42,323	2,091	4,285	31,833
28	Chemicals and products.....	59	20	2,219	9,862	21,379	22,238	1,140	1,867	16,351
31	Leather and leather goods.....	13	6	1,955	6,556	9,986	10,138	1,777	2,221	9,643
32	Stone, clay, and glass products <sup>2</sup> .....	57	19	3,473	18,093	39,207	38,744	1,655	3,412	28,429
33	Primary metal industries.....	27	10	2,236	11,225	15,177	13,923	600	2,451	11,583
34	Fabricated metal products.....	89	36	9,188	50,182	89,802	89,802	2,121	10,578	84,484
35	Machinery, except electrical <sup>3</sup> .....	124	45	13,821	70,279	124,651	127,077	4,000	13,387	87,863
36	Electrical machinery.....	14	6	1,642	8,698	10,778	12,133	(D)	683	4,877
38	Instruments and related products.....	10	6	1,490	7,926	11,878	12,153	272	1,509	9,986
39	Miscellaneous manufactures (including Ordnance).....	48	19	2,441	11,639	20,232	20,796	893	2,247	15,182
--	Administrative and auxiliary <sup>4</sup> .....	...	...	719	4,892	...	...	...	697	...
DALLAS STANDARD METROPOLITAN STATISTICAL AREA (Consists of Collin, Dallas, Denton and Ellis Counties, Texas)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,756	2,613	96,044	466,790	841,432	842,703	46,110	81,263	531,649
20	Food and kindred products.....	213	95	11,665	47,997	118,777	122,019	6,862		
22	Textile mill products.....	14	8	1,528	4,832	7,134	7,214	184		
23	Apparel and related products.....	207	124	9,856	28,917	45,464	46,519	1,102		
24	Lumber and wood products.....	46	11	644	2,088	3,861	3,995	207		
25	Furniture and fixtures.....	94	28	2,410	10,211	19,131	19,475	562		
26	Pulp, paper and products.....	43	24	2,868	14,079	21,460	22,621	2,953		
27	Printing and publishing.....	309	64	7,137	32,987	61,180	62,713	5,049		
28	Chemicals and products.....	115	36	2,605	13,368	55,831	58,446	4,879		
29	Petroleum and coal products.....	12	6	448	2,100	4,695	4,694	440		
32	Stone, clay, and glass products <sup>2</sup> .....	92	37	3,077	12,593	33,998	34,932	4,015	(11)	(11)
33	Primary metal industries.....	27	9	649	2,405	4,188	4,465	454		
34	Fabricated metal products.....	174	52	4,932	21,699	34,618	34,840	2,003		
35	Machinery, except electrical <sup>3</sup> .....	206	64	7,739	38,206	83,348	85,636	3,983		
36	Electrical machinery.....	44	19	7,758	39,370	76,807	73,199	4,250		
37	Transportation equipment.....	33	15	25,736	152,627	250,191	240,418	6,838		
38	Instruments and related products.....	28	4	786	4,332	5,947	5,595	454		
39	Miscellaneous manufactures (Including Ordnance).....	83	13	1,420	5,834	11,153	12,078	1,659		
--	Administrative and auxiliary <sup>4</sup> .....	...	...	4,424	31,615	...	...	...		
DAYTON STANDARD METROPOLITAN STATISTICAL AREA (Consists of Greene, Miami, and Montgomery Counties, Ohio)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2926	2366	97,055	552,855	926,187	911,902	41,508	107,218	818,081
20	Food and kindred products.....	125	52	6,394	30,874	61,079	63,352	2,221		
22	Textile mill products.....	8	7	1,312	4,066	9,166	9,110	203		
23	Apparel and related products.....	13	5	311	804	1,500	1,489	98		
24	Lumber and wood products.....	24	7	494	1,865	3,392	3,413	159		
25	Furniture and fixtures.....	28	10	1,075	4,689	6,867	7,874	201		
26	Pulp, paper and products.....	33	24	4,217	21,255	39,178	39,557	2,100		
27	Printing and publishing.....	115	33	8,905	50,247	85,644	87,117	2,920		
28	Chemicals and products.....	39	14	1,234	6,234	15,088	15,753	336	(12)	(12)
32	Stone, clay, and glass products <sup>2</sup> .....	41	14	1,777	9,667	21,648	22,659	2,178		
33	Primary metal industries.....	36	20	2,725	14,499	19,778	19,811	2,043		
34	Fabricated metal products.....	101	26	2,142	11,042	18,542	19,018	674		
35	Machinery, except electrical <sup>3</sup> .....	237	90	38,018	235,626	399,816	387,776	20,942		
36	Electrical machinery.....	32	19	10,987	58,540	87,874	82,698	2,394		
37	Transportation equipment.....	26	19	7,180	44,654	78,459	73,010	2,050		
--	Administrative and auxiliary <sup>4</sup> .....	...	...	2,112	13,333	...	...	...		

See footnotes at end of table.

USCOMM--DC

## 1958 CENSUS OF MANUFACTURES

SPECIAL COMMISSION FOR STATISTICAL REPORTING MANUFACTURING AREA

DENVER STANDARD METROPOLITAN STATISTICAL AREA

Code	Major industry group	Establishments, number		All employees		Value added at basic prices		Total value added	
		Total	#With 25 or more employees	Number	Payroll \$1,000	Manufacturing \$1,000	Construction \$1,000	Manufacturing \$1,000	Construction \$1,000
DENVER STANDARD METROPOLITAN STATISTICAL AREA (Consists of Adams, Arapahoe, Boulder, Denver, and Jefferson Counties)									
	ALL INDUSTRIES, TOTAL.....	21,439	2371	54,126	1,066,613	1,066,613	...	1,066,613	...
20	Food and kindred products.....	211	36	11,351	10,400	10,400	...	10,400	...
23	Apparel and related products.....	56	20	1,404	4,238	4,238	...	4,238	...
24	Lumber and wood products.....	4	4	...	3,600	3,600	...	3,600	...
25	Furniture and fixtures.....	6	12	...	3,600	3,600	...	3,600	...
27	Printing and publishing.....	231	32	5,000	23,722	23,722	...	23,722	...
28	Chemicals and products.....	16	16	1,000	...	...	...	...	...
29	Petroleum and coal products.....	16	16	500	1,450	1,450	...	1,450	...
32	Stone, clay, and glass products <sup>3</sup> .....	90	25	2,668	1,000	1,000	...	1,000	...
34	Fabricated metal products.....	126	31	3,078	20,100	20,100	...	20,100	...
35	Machinery, except electrical <sup>3</sup> .....	125	37	4,007	21,760	21,760	...	21,760	...
36	Electrical machinery.....	27	9	1,000	6,380	6,380	...	6,380	...
38	Instruments and related products.....	22	4	304	1,300	1,300	...	1,300	...
39	Miscellaneous manufactures (including Ordnance).....	15	24	3,085	10,430	10,430	...	10,430	...
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,490	11,000	11,000	...	11,000	...

DETROIT STANDARD METROPOLITAN STATISTICAL AREA  
(Consists of Macomb, Oakland, and Wayne Counties, Michigan)

	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	26,438	21,909	47,839	2,912,208	2,912,208	...	2,912,208	...
20	Food and kindred products.....	477	188	23,385	127,012	127,012	251,584	10,412	...
23	Apparel and related products.....	151	37	6,097	29,625	29,625	37,340	2,340	...
24	Lumber and wood products.....	124	22	1,945	9,620	9,620	15,341	1,534	...
25	Furniture and fixtures.....	145	32	2,802	14,762	14,762	23,128	2,312	...
26	Pulp, paper and products.....	69	35	4,038	22,443	22,443	38,016	3,801	...
27	Printing and publishing.....	618	137	16,019	99,459	99,459	155,588	15,558	...
28	Chemicals and products.....	265	86	17,038	102,362	102,362	241,411	24,141	...
29	Petroleum and coal products.....	35	14	1,404	10,823	10,823	30,513	3,051	...
30	Rubber products.....	33	11	6,304	38,999	38,999	65,301	6,530	...
32	Stone, clay, and glass products <sup>3</sup> .....	252	80	8,210	45,602	45,602	84,139	8,413	...
33	Primary metal industries.....	266	135	37,906	247,597	247,597	410,699	41,069	...
34	Fabricated metal products.....	1,140	346	38,904	225,865	225,865	352,784	35,278	...
35	Machinery, except electrical <sup>3</sup> .....	2,042	501	76,400	509,444	509,444	723,632	72,363	...
36	Electrical machinery.....	151	48	5,734	35,104	35,104	60,367	6,036	...
37	Transportation equipment.....	282	138	148,222	904,059	904,059	1,712,489	1,71,248	...
38	Instruments and related products.....	56	12	1,007	5,987	5,987	8,742	8,742	...
39	Miscellaneous manufactures (including Ordnance).....	296	76	6,990	37,219	37,219	54,534	5,453	...
--	Administrative and auxiliary <sup>4</sup> .....	...	...	13,433	60,000	60,000	...	...	...

ERIE STANDARD METROPOLITAN STATISTICAL AREA  
(Consists of Erie County, Pennsylvania)

	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,428	2181	34,817	178,721	178,721	1,188	1,188	...
20	Food and kindred products.....	64	22	2,236	9,316	9,316	20,700	2,070	...
23	Apparel and related products.....	27	5	414	1,408	1,408	2,300	2,300	...
24	Lumber and wood products.....	13	8	842	3,268	3,268	7,800	7,800	...
25	Furniture and fixtures.....	4	4	2,394	13,775	13,775	19,880	1,988	...
26	Pulp, paper and products.....	42	10	831	4,182	4,182	8,000	8,000	...
27	Printing and publishing.....	17	5	267	1,216	1,216	2,754	2,754	...
32	Stone, clay, and glass products <sup>3</sup> .....	29	21	4,314	24,262	24,262	32,245	3,224	...
33	Primary metal industries.....	60	28	3,921	20,300	20,300	30,000	3,000	...
34	Fabricated metal products.....	80	27	4,681	24,000	24,000	41,200	4,120	...
35	Machinery, except electrical <sup>3</sup> .....	17	12	4,010	20,600	20,600	40,000	4,000	...
36	Electrical machinery.....	5	5	1,469	8,168	8,168	19,000	1,900	...
38	Instruments and related products.....	34	19	2,782	11,544	11,544	16,000	1,600	...
39	Miscellaneous manufactures (including Ordnance).....	...	...	0	0	0	...	...	...
--	Administrative and auxiliary <sup>4</sup> .....	...	...	...	...	...	...	...	...

FLINT STANDARD METROPOLITAN STATISTICAL AREA  
(Consists of Genesee County, Michigan)

	ALL INDUSTRIES, TOTAL <sup>1,3</sup> .....	2,275	271	57,623	342,911	342,911	589,962	58,996	...
--	Administrative and auxiliary <sup>4</sup> .....	...	...	115	698	698	...	...	...

GROUP 20

GROUP 21

GROUP 22

## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954--Continued

(See text for explanation of column captions)

		1958						1954		
Code	Major industry group	Establishments, number	All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)				Adjusted (\$1,000)
		FORT WORTH STANDARD METROPOLITAN STATISTICAL AREA (Consists of Johnson and Tarrant Counties, Texas)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2788	2272	56,341	290,270	515,734	528,792	19,789	50,075	372,674
20	Food and kindred products.....	107	59	8,919	39,087	69,474	71,788	3,207	(14)	(14)
23	Apparel and related products.....	27	12	1,267	3,056	6,707	6,760	54		
24	Lumber and wood products.....	39	4	306	1,186	1,674	1,878	219		
25	Furniture and fixtures.....	53	15	1,311	4,501	7,083	7,462	326		
26	Pulp, paper and products.....	13	10	1,013	4,756	11,086	11,117	544		
27	Printing and publishing.....	116	17	2,181	10,415	18,078	18,818	867		
28	Chemicals and products.....	42	17	1,097	5,112	13,438	13,646	698		
29	Petroleum and coal products.....	9	5	965	4,206	8,991	9,209	207		
31	Leather and leather goods.....	14	6	531	1,676	2,387	2,482	84		
32	Stone, clay, and glass products <sup>2</sup> .....	27	10	1,171	4,680	14,542	14,486	1,192		
33	Primary metal industries.....	26	9	1,309	6,296	14,092	14,554	532		
34	Fabricated metal products.....	69	22	2,185	9,268	16,714	17,350	642		
35	Machinery, except electrical <sup>3</sup> .....	95	37	4,041	17,757	33,740	34,303	691		
37	Transportation equipment.....	52	29	27,964	170,826	284,775	291,413	9,668		
38	Instruments and related products.....	9	3	265	1,270	3,903	3,882	54		
39	Miscellaneous manufactures (Including Ordnance).....	65	11	930	3,551	6,559	6,985	730		
--	Administrative and auxiliary <sup>4</sup> .....	...	...	547	1,269	...	...	...		
		GARY-HAMMOND-EAST CHICAGO STANDARD METROPOLITAN STATISTICAL AREA (Consists of Lake and Porter Counties, Indiana)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2444	2169	98,556	602,690	1,279,786	1,269,763	249,555	101,858	980,872
20	Food and kindred products.....	64	19	3,438	20,454	52,763	54,023	5,048	(15)	(15)
23	Apparel and related products.....	16	7	1,058	3,116	6,714	6,754	84		
25	Furniture and fixtures.....	12	3	417	1,594	2,685	2,812	978		
26	Pulp, paper and products.....	4	4	465	2,525	5,782	5,920	398		
27	Printing and publishing.....	49	6	1,712	9,118	14,703	14,829	827		
28	Chemicals and products.....	33	14	3,302	20,232	108,785	108,638	14,012		
29	Petroleum and coal products.....	9	7	8,906	58,190	95,024	95,051	34,361		
32	Stone, clay, and glass products <sup>2</sup> .....	53	21	3,415	19,078	43,695	44,597	4,595		
33	Primary metal industries.....	33	24	58,753	372,105	793,142	797,713	184,276		
34	Fabricated metal products.....	58	25	8,112	47,531	84,197	74,713	2,022		
35	Machinery, except electrical <sup>3</sup> .....	51	18	2,300	12,687	24,852	25,052	689		
36	Electrical machinery.....	11	2	256	1,421	2,310	2,167	117		
37	Transportation equipment.....	8	7	3,659	21,176	29,838	21,725	1,289		
39	Miscellaneous manufactures (Including Ordnance).....	22	7	1,820	8,962	12,060	12,383	778		
--	Administrative and auxiliary <sup>4</sup> .....	...	...	399	2,615	...	...	...		
		GRAND RAPIDS STANDARD METROPOLITAN STATISTICAL AREA (Consists of Kent County, Michigan)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2837	2292	44,636	233,654	411,231	409,715	14,749	52,372	454,194
20	Food and kindred products.....	116	37	3,720	17,414	28,869	30,113	3,272	4,031	27,958
22	Textile mill products.....	6	4	556	2,602	4,866	5,162	251	883	5,060
23	Apparel and related products.....	18	6	1,320	6,236	11,517	10,373	213	197	1,117
24	Lumber and wood products.....	47	19	1,102	4,990	7,189	6,966	314	1,331	9,173
25	Furniture and fixtures.....	100	55	6,823	33,169	59,645	59,683	994	7,897	58,057
26	Pulp, paper and products.....	14	8	1,260	6,480	10,796	11,051	421	1,452	12,412
27	Printing and publishing.....	122	31	2,486	12,092	20,326	20,333	732	2,288	17,641
28	Chemicals and products.....	25	8	613	3,787	5,930	6,080	240	599	4,036
30	Rubber products.....	7	3	447	2,219	3,543	3,634	98	609	4,103
32	Stone, clay, and glass products <sup>2</sup> .....	37	10	774	4,032	8,828	9,146	442	729	7,010
33	Primary metal industries.....	37	20	1,779	10,046	15,583	16,853	618	1,917	12,608
34	Fabricated metal products.....	123	52	7,134	36,995	60,114	60,735	1,844	8,752	65,279
35	Machinery, except electrical <sup>3</sup> .....	111	42	5,542	31,389	53,855	51,036	1,576	5,965	57,074
36	Electrical machinery.....	11	8	1,087	5,636	9,533	9,052	92	1,031	6,931
39	Miscellaneous manufactures (including Ordnance).....	35	9	517	2,036	4,252	4,242	182	1,279	8,534
--	Administrative and auxiliary <sup>4</sup> .....	...	...	161	925	...	...	...	35	...

See footnotes at end of table.

# 1958 CENSUS OF MANUFACTURES

TABLE 1. MANUFACTURING INDUSTRIES IN THE METROPOLITAN AREA OF HOUSTON, TEXAS  
 (Data for the manufacturing industries in the metropolitan area of Houston, Texas, 1958)

Industry	Establishment number		All employees		Value added		Total	Per capita
	Total	Non-manufacturing	Manufacturing	Non-manufacturing	Manufacturing	Non-manufacturing		
HOUSTON STANDARD METROPOLITAN STATISTICAL AREA (Consists of Harris County, Texas, and portions of Dallas, Tarrant, and Fort Bend counties, Texas)								
ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,744	2,447	297	2,150	1,144,937	1,144,937	1,144,937	1,144,937
Food and kindred products.....	10	71	9,011	42,000	1,144,937	1,144,937	1,144,937	1,144,937
Textile mill products.....	10	4	1,900	1,900	1,144,937	1,144,937	1,144,937	1,144,937
Apparel and related products.....	41	17	2,200	2,200	1,144,937	1,144,937	1,144,937	1,144,937
Lumber and wood products.....	22	12	1,300	1,300	1,144,937	1,144,937	1,144,937	1,144,937
Furniture and fixtures.....	29	27	1,300	1,300	1,144,937	1,144,937	1,144,937	1,144,937
Pulp, paper and products.....	11	10	1,300	1,300	1,144,937	1,144,937	1,144,937	1,144,937
Printing and publishing.....	209	32	2,200	2,200	1,144,937	1,144,937	1,144,937	1,144,937
Chemicals and products.....	19	18	2,200	2,200	1,144,937	1,144,937	1,144,937	1,144,937
Stone, clay, and glass products <sup>2</sup> .....	2	1	12,000	12,000	1,144,937	1,144,937	1,144,937	1,144,937
Primary metal industries.....	7	7	1,000	1,000	1,144,937	1,144,937	1,144,937	1,144,937
Fabricated metal products.....	27	26	2,200	2,200	1,144,937	1,144,937	1,144,937	1,144,937
Machinery, except electrical.....	371	184	17,400	17,400	1,144,937	1,144,937	1,144,937	1,144,937
Electrical machinery.....	6	12	1,300	1,300	1,144,937	1,144,937	1,144,937	1,144,937
Transportation equipment.....	24	17	1,300	1,300	1,144,937	1,144,937	1,144,937	1,144,937
Instruments and related products.....	3	3	1,300	1,300	1,144,937	1,144,937	1,144,937	1,144,937
Miscellaneous manufactures (including Ordnance).....	60	60	2,200	2,200	1,144,937	1,144,937	1,144,937	1,144,937
Administrative and auxiliary <sup>3</sup> .....	...	...	...	...	...	...	...	...

GROUP 20

GROUP 21

GROUP 22



## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad-justed (\$1,000)	Adjusted (\$1,000)	(\$1,000)		
INDIANAPOLIS STANDARD METROPOLITAN STATISTICAL AREA (Consists of Marion County, Indiana)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 1,097	<sup>2</sup> 995	96,394	532,524	962,984	956,234	65,083	103,147	844,783
20	Food and kindred products.....	110	54	11,032	56,137	108,687	115,069	4,712	11,659	90,942
24	Lumber and wood products.....	29	11	599	2,553	4,638	4,894	118	700	4,418
25	Furniture and fixtures.....	35	10	916	3,828	6,717	6,843	117	1,143	7,261
26	Pulp, paper and products.....	25	20	2,545	11,350	21,085	20,978	1,128	2,315	15,007
27	Printing and publishing.....	187	52	5,915	30,542	49,300	50,595	3,386	5,425	41,644
28	Chemicals and products.....	65	26	9,736	67,185	156,755	157,256	7,327	9,337	107,254
32	Stone, clay, and glass products <sup>3</sup> .....	33	10	1,695	8,322	13,949	15,080	2,654	1,089	7,024
33	Primary metal industries.....	29	16	3,649	19,798	34,355	33,402	1,507	3,918	30,009
34	Fabricated metal products.....	156	62	7,171	35,570	56,116	56,686	3,212	6,891	41,753
35	Machinery, except electrical <sup>3</sup> .....	241	63	10,819	57,796	100,892	98,140	9,828	11,480	92,305
36	Electrical machinery.....	36	17	12,812	62,761	141,368	142,440	7,523	16,201	151,167
37	Transportation equipment.....	39	22	23,204	141,857	222,465	208,437	21,533	25,245	213,590
38	Instruments and related products.....	14	2	303	1,363	2,868	2,691	87	364	2,233
--	Administrative and auxiliary.....	...	...	1,255	8,767	...	...	...	914	...
JERSEY CITY STANDARD METROPOLITAN STATISTICAL AREA (Consists of Hudson County, New Jersey)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 2,401	<sup>2</sup> 806	124,531	622,971	1,213,446	1,216,339	48,383	136,639	1,119,182
20	Food and kindred products.....	148	55	10,260	53,903	198,377	204,214	6,770	10,882	181,635
22	Textile mill products.....	147	78	5,541	22,820	37,535	36,080	1,661	5,915	35,525
24	Lumber and wood products.....	33	5	529	2,152	3,380	3,629	151	486	3,302
25	Furniture and fixtures.....	67	18	1,806	7,547	11,706	11,874	215	1,753	10,193
26	Pulp, paper and products.....	59	38	5,583	26,502	50,349	50,486	1,644	6,413	49,426
27	Printing and publishing.....	99	22	4,581	28,334	41,234	41,261	1,218	4,740	35,254
28	Chemicals and products.....	155	70	9,666	55,788	154,521	157,999	5,628	12,894	149,708
31	Leather and leather goods.....	29	16	1,817	6,500	8,520	8,570	132	1,750	7,530
32	Stone, clay, and glass products <sup>3</sup> .....	33	12	1,288	6,108	11,427	12,111	191	2,617	13,834
33	Primary metal industries.....	41	22	4,585	26,552	50,462	54,462	2,021	4,357	37,816
34	Fabricated metal products.....	162	58	8,978	45,630	78,941	81,346	4,267	8,200	62,097
35	Machinery, except electrical <sup>3</sup> .....	156	43	11,199	64,980	139,464	133,619	2,104	13,493	125,916
36	Electrical machinery.....	66	36	24,395	125,103	200,623	187,154	7,591	24,271	182,252
38	Instruments and related products.....	18	7	935	4,489	6,279	7,833	39	1,235	6,979
39	Miscellaneous manufactures (including Ordnance).....	137	58	6,038	25,249	40,916	42,519	1,648	6,854	40,088
--	Administrative and auxiliary <sup>4</sup> .....	...	...	3,405	26,266	...	...	...	3,576	...
KANSAS CITY (MISSOURI) KANSAS CITY (KANSAS) STANDARD METROPOLITAN STATISTICAL AREA (Consists of Clay and Jackson Counties, Missouri; Johnson and Wyandotte Counties, Kansas)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 1,626	<sup>2</sup> 585	102,645	523,147	1,036,626	1,054,356	61,114	117,501	1,039,592
20	Food and kindred products.....	191	101	17,331	86,734	191,156	197,429	7,077	18,819	152,218
24	Lumber and wood products.....	43	9	988	4,179	5,932	6,032	120	980	6,372
25	Furniture and fixtures.....	72	24	1,702	7,227	14,250	14,533	264	1,448	10,626
26	Pulp, paper and products.....	51	35	4,209	19,049	34,470	35,020	2,634	3,485	26,036
27	Printing and publishing.....	294	68	9,592	46,355	84,341	88,666	4,774	8,569	62,192
28	Chemicals and products.....	122	42	5,382	31,385	109,990	113,600	5,089	9,137	101,027
31	Leather and leather goods.....	13	6	966	2,981	4,688	4,743	94	934	4,785
32	Stone, clay, and glass products <sup>3</sup> .....	77	28	3,815	19,263	48,991	49,510	5,522	2,948	30,159
33	Primary metal industries.....	42	20	5,933	36,852	72,097	73,059	10,596	6,209	51,206
34	Fabricated metal products.....	188	56	7,751	39,496	60,688	61,876	3,347	6,783	46,484
35	Machinery, except electrical <sup>3</sup> .....	170	38	5,243	26,507	46,578	47,915	3,312	4,680	35,284
36	Electrical machinery.....	50	25	2,774	11,218	18,902	19,754	594	4,620	26,287
37	Transportation equipment.....	30	18	12,676	70,839	196,840	196,122	8,326	27,300	368,580
38	Instruments and related products.....	20	7	510	2,029	3,322	3,319	75	500	2,652
39	Miscellaneous manufactures (including Ordnance).....	102	30	10,317	57,060	65,158	62,493	6,844	6,738	36,234
--	Administrative and auxiliary <sup>4</sup> .....	...	...	2,896	17,973	...	...	...	2,569	...



# 1958 CENSUS OF MANUFACTURES

(See text for explanation of column captions)

MANUFACTURING INDUSTRY	Establishments, number	All employees		Value added by manufacturing		Total manu- facture, thous. doll.	All manu- facture, thous. doll.	Value added, thous. doll.
		Total	\$100,000 or more employ- ees	Number	Payroll (\$1,000)			
LANCASTER STANDARD METROPOLITAN STATISTICAL AREA (Consists of Lancaster County, Pennsylvania)								
ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2600	2200	44,211	191,313	361,251	367,200	17,720	4,061
Food and kindred products.....	248	48	4,336	15,469	30,998	32,440	2,354	1,704
Textile mill products.....	1	8	627	2,764	5,433	6,167	234	1,002
Apparel and related products.....	26	20	5,187	27,148	65,667	62,389	6	9,223
Lumber and wood products.....	61	51	5,016	12,835	14,107	18,485	424	4,706
Furniture and fixtures.....	22	5	257	816	1,331	1,134	32	4,078
Pulp, paper and products.....	17	8	473	1,719	3,361	3,497	146	611
Printing and publishing.....	60	16	1,816	8,697	13,873	13,988	770	2,239
Chemicals and products.....	22	21	5,236	5,609	13,341	13,344	18	10,871
Rubber, clay, and glass products <sup>2</sup> .....	27	8	7,566	7,566	14,238	14,244	481	1,657
Primary metal industries.....	3	14	1,413	6,999	9,069	2,000	1,872	6,338
Fabricated metal products.....	54	29	3,422	14,731	25,898	20,144	1,004	3,281
Machinery, except electrical <sup>3</sup> .....	73	23	4,922	25,375	64,621	60,868	1,337	4,788
Electrical machinery.....	11	5	4,102	22,732	43,178	41,725	1,158	3,043
Transportation equipment.....	11	5	642	2,961	4,697	4,621	158	1,957
Administrative and auxiliary <sup>4</sup> .....	...	...	1,735	13,798	...	...	...	1,136

## LAS ANGELES-LONG BEACH STANDARD METROPOLITAN STATISTICAL AREA (Consists of Los Angeles and Orange Counties, California)

ALL INDUSTRIES, TOTAL <sup>1</sup> .....	21,692	24,786	728,104	4,130,667	6,987,760	7,211,958	317,730	647,084	5,341,546
Food and kindred products.....	1,022	394	52,683	280,346	616,218	643,788	23,405	3,129	442,431
Textile mill products.....	177	62	3,930	16,442	35,763	37,711	1,314	3,599	26,500
Apparel and related products.....	1,753	659	45,691	150,472	276,098	277,546	7,773	43,161	207,237
Lumber and wood products.....	502	101	6,340	32,082	30,445	32,899	2,731	9,898	5,338
Furniture and fixtures.....	1,033	275	20,627	97,804	154,324	159,771	4,110	26,438	112,538
Pulp, paper and products.....	251	121	13,165	67,874	131,363	134,495	11,198	11,227	92,821
Printing and publishing.....	1,658	275	32,869	177,805	296,791	299,148	15,696	26,894	233,282
Chemicals and products.....	745	204	19,847	115,109	348,183	360,790	23,105	16,200	211,977
Petroleum and coal products.....	92	36	11,564	71,667	183,719	146,088	24,564	11,483	127,059
Rubber products.....	133	61	13,528	73,789	150,673	155,579	6,732	14,750	122,578
Stone, clay, and glass products <sup>2</sup> .....	673	190	20,022	97,839	198,226	201,021	10,858	18,621	146,578
Primary metal industries.....	443	186	23,078	126,376	212,340	215,386	11,876	29,717	177,157
Fabricated metal products.....	2,104	625	59,468	321,553	564,223	546,676	30,171	48,409	380,786
Machinery, except electrical <sup>3</sup> .....	2,810	518	58,211	344,129	562,983	566,661	29,741	47,278	407,984
Electrical machinery.....	815	305	59,751	323,703	516,011	517,606	11,739	38,741	259,877
Transportation equipment.....	1,040	371	210,620	1,374,149	2,101,146	2,098,989	58,641	213,148	1,704,182
Instruments and related products.....	345	101	15,850	89,825	158,287	164,204	5,618	11,610	96,264
Miscellaneous manufactures (including finance).....	1,159	253	43,466	254,423	406,589	420,140	17,478	36,136	266,129
Administrative and auxiliary <sup>4</sup> .....	...	...	12,513	100,144	...	...	...	7,282	...

## LOUISVILLE STANDARD METROPOLITAN STATISTICAL AREA (Consists of Jefferson County, Kentucky; Clark and Floyd Counties, Indiana)

ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2871	2400	87,402	439,636	1,174,136	1,164,934	50,672	88,158	845,131
Food and kindred products.....	152	92	13,491	64,824	191,721	195,773	8,628	13,984	147,260
Tobacco manufactures.....	10	8	9,041	40,491	224,104	223,156	3,570	7,888	154,724
Textile mill products.....	7	5	820	2,632	3,633	3,572	73	742	3,992
Apparel and related products.....	20	11	2,298	6,943	7,779	7,766	164	2,341	8,207
Lumber and wood products.....	78	39	4,387	18,095	28,772	29,602	423	4,932	24,866
Furniture and fixtures.....	54	23	3,387	12,484	19,304	19,117	898	3,300	16,692
Printing and publishing.....	139	38	5,651	30,359	44,146	44,402	2,866	5,008	34,479
Chemicals and products.....	65	37	8,364	49,301	179,398	186,068	7,690	11,700	164,104
Stone, clay, and glass products <sup>2</sup> .....	46	15	2,427	12,282	25,931	27,634	471	2,000	2,484
Fabricated metal products.....	93	49	9,243	45,335	71,128	74,618	472	1,611	9,316
Machinery, except electrical <sup>3</sup> .....	90	34	17,117	92,521	244,401	236,411	13,119	11,711	132,296
Administrative and auxiliary <sup>4</sup> .....	...	...	3,387	21,282	...	...	...	4,388	...

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22

## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
MEMPHIS STANDARD METROPOLITAN STATISTICAL AREA (Consists of Shelby County, Tennessee)										
	All industries, total <sup>1</sup> .....	2701	2288	41,055	175,509	386,431	392,748	33,615	42,512	336,167
20	Food and kindred products.....	117	65	7,771	32,392	63,854	66,948	4,306	7,430	53,701
23	Apparel and related products.....	28	17	1,724	4,819	10,904	11,409	82	1,613	6,191
24	Lumber and wood products.....	63	31	4,533	14,243	22,738	22,930	1,426	4,822	28,067
25	Furniture and fixtures.....	55	17	2,742	8,776	13,996	14,318	845	3,003	14,191
26	Pulp, paper and products.....	22	19	3,541	16,995	40,258	40,802	2,764	3,219	29,982
28	Chemicals and products.....	73	39	4,137	20,888	64,282	69,110	16,009	3,466	36,977
29	Petroleum and coal products.....	6	3	356	1,607	2,938	3,593	(D)	270	3,051
32	Stone, clay, and glass products <sup>3</sup> .....	25	9	623	2,733	7,125	7,625	838	481	3,229
33	Primary metal industries.....	15	6	474	2,084	3,165	2,997	78	334	1,688
34	Fabricated metal products.....	70	23	1,603	6,920	11,695	12,359	452	1,697	12,310
35	Machinery, except electrical <sup>3</sup> .....	51	17	3,668	18,630	31,835	32,116	2,359	4,502	34,234
36	Electrical machinery.....	15	5	957	4,164	11,775	11,977	536	631	7,489
39	Miscellaneous manufactures (including Ordnance).....	36	12	1,184	3,762	7,758	7,881	369	782	3,338
--	Administrative and auxiliary <sup>4</sup> .....	...	...	507	2,599	...	...	...	708	...
MILWAUKEE STANDARD METROPOLITAN STATISTICAL AREA (Consists of Milwaukee and Waukesha Counties, Wisconsin)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,286	2801	185,209	1,021,197	1,739,045	1,725,177	78,068	188,487	1,493,953
20	Food and kindred products.....	238	110	23,049	124,470	268,578	272,299	8,881	(16)	(16)
22	Textile mill products.....	22	13	1,293	4,937	9,058	9,673	108		
23	Apparel and related products.....	98	37	3,432	10,914	21,602	22,080	261		
24	Lumber and wood products.....	69	17	1,169	5,895	7,684	7,900	413		
25	Furniture and fixtures.....	69	16	1,328	6,673	9,980	10,109	593		
26	Pulp, paper and products.....	92	29	4,405	21,784	37,843	38,122	1,354		
27	Printing and publishing.....	279	68	10,612	56,665	86,231	86,723	6,263		
28	Chemicals and products.....	124	37	3,116	16,358	35,003	36,852	1,758		
31	Leather and leather goods.....	62	31	6,356	28,113	50,987	51,835	826		
32	Stone, clay, and glass products <sup>3</sup> .....	129	31	1,866	10,712	22,372	22,215	1,437		
33	Primary metal industries.....	102	61	16,290	91,748	144,519	139,435	6,073		
34	Fabricated metal products.....	260	96	14,577	81,951	144,111	143,878	7,769		
35	Machinery, except electrical <sup>3</sup> .....	518	148	47,853	274,713	471,843	456,725	20,601	(17)	(17)
36	Electrical machinery.....	62	40	23,179	131,943	238,826	229,727	8,086		
37	Transportation equipment.....	26	11	10,944	61,013	88,354	89,130	4,894		
38	Instruments and related products.....	28	9	8,105	50,531	72,402	77,880	6,767		
39	Miscellaneous manufactures (including Ordnance).....	123	40	3,138	13,533	23,232	24,433	1,189		
--	Administrative and auxiliary <sup>4</sup> .....	...	...	4,139	27,541	...	...	...		
MINNEAPOLIS-ST. PAUL STANDARD METROPOLITAN STATISTICAL AREA (Consists of Anoka, Dakota, Hennepin, Ramsey, and Washington counties, Minnesota)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,437	2883	144,471	754,245	1,369,078	1,384,511	50,625	142,814	1,116,758
20	Food and kindred products.....	262	131	21,497	117,037	232,266	240,195	9,558	(17)	(17)
22	Textile mill products.....	15	8	1,829	6,261	5,185	5,327	330		
23	Apparel and related products.....	157	72	6,163	19,660	33,096	34,501	487		
24	Lumber and wood products.....	89	32	3,139	16,142	29,147	31,708	715		
25	Furniture and fixtures.....	103	29	2,079	10,041	14,008	14,231	351		
26	Pulp, paper and products.....	61	37	4,633	22,683	30,323	31,039	3,356		
27	Printing and publishing.....	374	94	16,830	86,531	159,358	138,865	5,898		
28	Chemicals and products.....	142	38	4,786	26,657	120,316	124,079	7,047		
29	Petroleum and coal products.....	18	9	1,117	6,853	23,319	24,613	967		
31	Leather and leather goods.....	10	6	595	1,753	3,133	3,154	57		
32	Stone, clay, and glass products <sup>3</sup> .....	91	30	3,557	18,779	37,058	36,361	3,055	(17)	(17)
34	Fabricated metal products.....	277	92	9,547	49,599	85,407	87,725	3,589		
35	Machinery, except electrical <sup>3</sup> .....	393	130	25,233	124,389	223,358	222,098	5,895		
36	Electrical machinery.....	88	41	3,676	29,631	50,261	50,255	2,006		
37	Transportation equipment.....	52	21	3,978	22,057	65,980	64,100	1,097		
--	Administrative and auxiliary <sup>4</sup> .....	...	...	8,823	56,597	...	...	...		

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

FEDERAL STATISTICS ARE STANDARD METROPOLITAN STATISTICAL AREAS WITH NEW JERSEY MANUFACTURING SECTOR

See text for explanation of abbreviations.

		1958							
Code	Major industry group	Establishments, number		All employees		Value of output, manufactures		Total turnover, new	Total turnover, used
		Total	with full-time employee	Number	Payroll \$1,000	Unfinished \$1,000	Completed \$1,000		
NEWARK STANDARD METROPOLITAN STATISTICAL AREA (Consists of Essex, Morris, and Union Counties, New Jersey)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,425	2,196	244,304	1,216,000	2,316,123	2,308,797	122,869	254,134
20	Food and kindred products.....	294	120	23,450	127,446	261,403	269,147	10,062	
22	Textile mill products.....	85	35	4,096	19,261	33,074	32,332	1,289	
23	Lumber and wood products.....	89	20	1,276	5,056	8,356	8,334	433	
25	Furniture and fixtures.....	142	24	3,256	14,110	25,453	25,259	651	
26	Pulp, paper and products.....	110	66	6,732	34,637	68,797	69,194	5,343	
27	Printing and publishing.....	416	74	9,294	47,528	89,113	87,203	3,752	
31	Chemical and allied products.....	385	155	26,889	157,745	517,798	531,596	21,621	
32	Leather and leather goods.....	82	48	4,420	15,986	27,823	27,850	640	
33	Stone, clay, and glass products <sup>2</sup> .....	94	36	2,820	14,505	30,434	31,346	1,686	
34	Primary metal industries.....	135	63	8,529	47,724	93,979	90,313	4,514	
35	Fabricated metal products.....	608	172	18,367	94,912	163,132	163,129	5,644	
36	Machinery, except electrical <sup>3</sup> .....	680	170	31,452	167,881	257,464	256,600	15,581	
37	Electrical machinery.....	305	149	32,003	154,611	266,696	259,009	13,173	
38	Transportation equipment.....	46	25	14,723	91,512	158,411	160,728	5,268	
39	Instruments and related products.....	86	30	4,509	21,460	41,795	36,797	959	
39	Miscellaneous manufactures (including Ordnance).....	420	152	15,192	66,739	123,529	124,547	6,804	
--	Administrative and auxiliary <sup>4</sup> .....	...	...	15,847	114,696	...	...	...	...
NEW HAVEN STANDARD METROPOLITAN STATISTICAL AREA (Consists of New Haven City and Branford, East Haven, Guilford, Hamden, North Haven, Orange, West Haven, and Woodbridge Towns in New Haven County, Connecticut)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,729	2,277	42,725	206,349	324,777	332,757	19,082	
20	Food and kindred products.....	75	19	2,711	14,181	23,971	26,101	1,340	
22	Textile mill products.....	6	4	507	2,345	3,588	3,946	183	
23	Apparel and related products.....	113	63	4,402	12,732	23,050	24,150	420	
25	Furniture and fixtures.....	27	10	543	2,083	2,826	2,789	31	
26	Pulp, paper and products.....	17	8	1,894	9,932	16,151	15,692	1,399	
27	Printing and publishing.....	80	28	2,746	13,894	18,932	18,982	816	
28	Chemicals and products.....	36	4	404	2,310	5,227	5,462	380	
32	Stone, clay, and glass products <sup>2</sup> .....	29	13	825	4,466	7,152	7,107	1,478	
33	Primary metal industries.....	36	21	3,624	19,830	29,900	30,772	2,240	
34	Fabricated metal products.....	80	23	3,493	17,570	28,445	29,762	3,279	
35	Machinery, except electrical <sup>3</sup> .....	96	26	2,883	13,694	20,569	20,417	1,023	
36	Electrical machinery.....	30	14	1,887	9,059	12,986	12,128	355	
38	Instruments and related products.....	8	5	1,933	8,590	14,342	13,111	186	
39	Miscellaneous manufactures (including Ordnance).....	45	20	5,566	26,596	34,701	33,900	2,057	
--	Administrative and auxiliary <sup>4</sup> .....	...	...	312	3,553	...	...	...	...
NEW ORLEANS STANDARD METROPOLITAN STATISTICAL AREA (Consists of Jefferson, Orleans, and St. Bernard Parishes, Louisiana)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,901	2,315	45,967	206,774	471,781	476,821	26,475	53,556
20	Food and kindred products.....	214	103	12,836	52,146	131,680	137,417	6,394	13,283
22	Textile mill products.....	6	4	450	1,620	5,307	5,577	184	2,367
23	Apparel and related products.....	55	27	4,476	11,821	19,965	19,929	481	5,167
25	Furniture and fixtures.....	34	13	699	2,343	3,403	3,473	121	672
26	Pulp, paper and products.....	17	13	3,447	15,637	38,085	40,131	721	3,664
27	Printing and publishing.....	141	18	2,347	11,466	23,544	22,646	458	2,473
28	Chemicals and products.....	71	17	2,044	10,554	24,561	23,051	10,396	2,963
32	Stone, clay, and glass products <sup>2</sup> .....	50	24	2,869	13,626	37,067	36,870	1,657	2,821
34	Fabricated metal products.....	86	23	3,228	17,445	31,552	33,781	1,087	3,252
35	Machinery, except electrical <sup>3</sup> .....	54	14	1,015	5,233	7,706	8,257	328	6,046
37	Transportation equipment.....	46	19	5,335	27,213	37,640	37,321	1,300	7,781
39	Miscellaneous manufactures (including Ordnance).....	46	7	908	3,393	5,633	6,135	264	5,058
--	Administrative and auxiliary <sup>4</sup> .....	...	...	255	1,622	...	...	...	...

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22

## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
NEW YORK STANDARD METROPOLITAN STATISTICAL AREA (Consists of New York City (Bronx, Kings, New York, Queens and Richmond Counties); Nassau, Rockland, Suffolk and Westchester Counties, New York)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	239,510	211,793	1,190,581	5,845,648	9,351,238	9,471,641	311,155	1,207,224	8,133,224
20	Food and kindred products.....	1,732	575	86,639	443,283	942,826	972,918	44,520	(18)	(18)
22	Textile mill products.....	1,556	588	38,114	150,227	283,630	289,366	14,602		
23	Apparel and related products.....	13,723	5,052	308,617	1,132,646	2,038,487	2,050,613	42,147		
24	Lumber and wood products.....	563	87	6,677	28,219	44,123	45,048	1,953		
25	Furniture and fixtures.....	1,403	286	23,310	105,053	172,089	174,242	5,563		
26	Pulp, paper and products.....	747	311	30,694	138,534	247,988	250,998	10,407		
27	Printing and publishing.....	5,156	1,114	145,875	847,495	1,655,267	1,672,216	53,261		
28	Chemicals and products.....	1,110	274	36,597	197,657	646,384	658,134	16,020		
31	Leather and leather goods.....	1,188	415	35,082	120,508	193,101	197,190	4,344		
32	Stone, clay, and glass products <sup>3</sup> .....	641	128	11,265	53,865	104,588	108,158	6,046		
33	Primary metal industries.....	295	89	11,616	61,306	109,633	107,891	11,487		
34	Fabricated metal products.....	2,697	733	60,332	284,245	486,499	494,512	20,595		
35	Machinery, except electrical <sup>3</sup> .....	1,789	309	33,945	175,846	302,316	304,096	12,767	(18)	(18)
36	Electrical machinery.....	943	400	59,365	266,033	469,543	481,904	16,173		
37	Transportation equipment.....	310	108	50,568	309,879	503,260	491,288	11,963		
38	Instruments and related products.....	693	182	30,908	172,715	265,052	275,320	5,167		
39	Miscellaneous manufactures (including Ordnance).....	4,794	1,114	116,932	519,343	858,370	868,432	32,828		
--	Administrative and auxiliary <sup>4</sup> .....	...	...	100,601	821,894	...	...	...		
	NEW YORK-NORTHEASTERN NEW JERSEY STANDARD METROPOLITAN STATISTICAL AREA (Consists of New York City (Bronx, Kings, New York, Queens, and Richmond Counties); Nassau, Rockland, Suffolk, and Westchester Counties, New York; Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union Counties, New Jersey. This area is a consolidation of the New York, Newark, Jersey City, Paterson-Clifton-Passaic Standard Metropolitan Statistical Areas plus Middlesex and Somerset Counties, New Jersey.)									
	ALL INDUSTRIES, TOTAL.....	250,538	215,747	1,805,147	9,008,381	15,295,350	15,403,046	606,914	1,838,401	13,115,922
20	Food and kindred products.....	2,445	841	129,618	670,173	1,548,815	1,567,171	66,769	131,941	1,311,587
21	Tobacco manufactures.....	59	9	1,764	5,433	14,339	15,006	251	3,384	31,188
22	Textile mill products.....	2,168	870	65,767	273,823	487,964	487,422	21,575	71,858	432,677
23	Apparel and related products.....	15,792	5,833	365,330	1,309,487	2,525,103	2,568,308	48,908	394,421	2,073,737
24	Lumber and wood products.....	761	127	9,804	41,131	65,952	67,332	3,008	10,571	61,874
25	Furniture and fixtures.....	1,739	366	31,228	140,583	230,051	233,038	7,125	31,007	198,459
26	Pulp, paper and products.....	1,042	488	52,821	252,147	463,606	466,146	22,366	50,117	374,489
27	Printing and publishing.....	6,031	1,293	171,414	985,242	1,898,028	1,913,054	63,250	159,206	1,511,833
28	Chemicals and products.....	1,968	641	102,643	580,774	1,835,024	1,865,897	89,698	102,183	1,390,154
29	Petroleum and coal products.....	108	38	8,540	56,719	109,014	93,557	38,299	13,446	127,143
30	Rubber products.....	154	51	9,194	46,870	76,442	78,120	2,671	11,365	78,542
31	Leather and leather goods.....	1,341	506	44,340	153,425	244,720	248,874	5,275	42,544	237,258
32	Stone, clay, and glass products <sup>3</sup> .....	929	244	24,478	121,561	235,102	241,487	9,625	23,495	177,730
33	Primary metal industries.....	559	224	36,696	200,103	357,894	364,245	23,638	39,402	314,622
34	Fabricated metal products.....	3,888	1,082	99,921	489,615	843,979	854,304	34,756	99,351	725,915
35	Machinery, except electrical <sup>3</sup> .....	3,155	644	90,617	485,516	818,988	815,501	35,624	91,678	700,321
36	Electrical machinery.....	1,495	660	142,443	681,574	1,170,284	1,143,454	44,582	131,616	955,289
37	Transportation equipment.....	441	179	94,115	567,555	1,008,128	995,321	25,516	109,987	1,011,416
38	Instruments and related products.....	859	243	52,903	302,470	473,925	486,107	16,774	51,857	389,081
39	Miscellaneous manufactures (including Ordnance).....	5,604	1,408	146,985	647,938	1,085,992	1,098,008	47,134	162,540	1,022,607
--	Administrative and auxiliary <sup>4</sup> .....	...	...	124,526	996,242	...	...	...	106,432	...

See footnotes at end of table.



## 1958 CENSUS OF MANUFACTURES

CENSUS OF MANUFACTURES WITH PLANT, EQUIPMENT, AND EMPLOYMENT

See text for explanation of terms and symbols

Establishment number	All employ- ees	Value added manufactures	Total value added manufactures	Total value added manufactures	Total value added manufactures	Total value added manufactures	Total value added manufactures	Total value added manufactures	Total value added manufactures
Total	With or non- employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)
PATENT OFFICE, PHILADELPHIA, PA. (Continued)									
PATENT OFFICE, PHILADELPHIA, PA. (Continued)									
ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,340	21,140	161,247	10,800	1,170,000	1,170,000	1,170,000	1,170,000	1,170,000
Food and kindred products.....	17	11	7,000	4,000	1,000	1,000	1,000	1,000	1,000
Textile mill products.....	24	153	10,710	1,000	1,000	1,000	1,000	1,000	1,000
Lumber and wood products.....	24	153	10,710	1,000	1,000	1,000	1,000	1,000	1,000
Furniture and fixtures.....	25	34	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Pulp, paper and products.....	26	79	5,000	1,000	1,000	1,000	1,000	1,000	1,000
Printing and publishing.....	27	24	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Chemicals and products.....	28	24	11,000	1,000	1,000	1,000	1,000	1,000	1,000
Leather and leather goods.....	31	14	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Stone, clay, and glass products.....	32	32	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Primary metal industries.....	33	23	4,000	1,000	1,000	1,000	1,000	1,000	1,000
Fabricated metal products.....	34	96	9,000	1,000	1,000	1,000	1,000	1,000	1,000
Machinery, except electrical.....	35	100	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Electrical machinery.....	36	60	15,000	31,000	140,000	140,000	140,000	140,000	140,000
Transportation equipment.....	37	41	23,000	133,000	200,000	200,000	200,000	200,000	200,000
Miscellaneous manufactures (including Ordnance).....	39	66	5,000	24,000	10,000	10,000	10,000	10,000	10,000
Administrative and auxiliary.....	..	..	2,515	15,000	..	..	..	..	..
PHILADELPHIA STANDARD METROPOLITAN STATISTICAL AREA (Continued)									
ALL INDUSTRIES, TOTAL <sup>1</sup> .....	231	2123	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Food and kindred products.....	23	34	6,000	30,000	110,000	110,000	110,000	110,000	110,000
Apparel and related products.....	23	34	6,000	30,000	110,000	110,000	110,000	110,000	110,000
Lumber and wood products.....	24	17	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Pulp, paper and products.....	26	1	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Printing and publishing.....	27	11	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Chemicals and products.....	28	14	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Stone, clay, and glass products.....	32	11	4,000	1,000	1,000	1,000	1,000	1,000	1,000
Fabricated metal products.....	34	13	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Machinery, except electrical.....	35	14	10,000	1,000	1,000	1,000	1,000	1,000	1,000
Administrative and auxiliary.....	..	..	1,000	1,000	1,000	1,000	1,000	1,000	1,000
PHILADELPHIA STANDARD METROPOLITAN STATISTICAL AREA (Continued)									
ALL INDUSTRIES, TOTAL <sup>1</sup> .....	28,300	23,162	138,547	1,700,000	4,800,000	4,800,000	4,800,000	4,800,000	4,800,000
Food and kindred products.....	780	307	11,000	24,000	1,000	1,000	1,000	1,000	1,000
Tobacco manufactures.....	18	3	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Textile mill products.....	113	318	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Apparel and related products.....	23	103	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Lumber and wood products.....	24	209	43	1,000	1,000	1,000	1,000	1,000	1,000
Furniture and fixtures.....	25	311	6	7,000	1,000	1,000	1,000	1,000	1,000
Pulp, paper and products.....	26	204	190	1,000	1,000	1,000	1,000	1,000	1,000
Printing and publishing.....	27	964	153	30,000	1,000	1,000	1,000	1,000	1,000
Chemicals and products.....	28	450	170	29,000	1,000	1,000	1,000	1,000	1,000
Petroleum and coal products.....	29	49	3	16,000	1,000	1,000	1,000	1,000	1,000
Rubber products.....	30	49	73	7,000	1,000	1,000	1,000	1,000	1,000
Leather and leather goods.....	31	110	60	4,000	1,000	1,000	1,000	1,000	1,000
Stone, clay, and glass products.....	32	300	117	12,000	1,000	1,000	1,000	1,000	1,000
Primary metal industries.....	33	200	111	33,000	1,000	1,000	1,000	1,000	1,000
Fabricated metal products.....	34	930	304	1,000	1,000	1,000	1,000	1,000	1,000
Machinery, except electrical.....	35	110	250	1,000	1,000	1,000	1,000	1,000	1,000
Electrical machinery.....	36	221	11	1,000	1,000	1,000	1,000	1,000	1,000
Transportation equipment.....	37	101	47	20,000	1,000	1,000	1,000	1,000	1,000
Instrument and related products.....	38	19	52	1,000	1,000	1,000	1,000	1,000	1,000
Miscellaneous manufactures (including Ordnance).....	39	1	10	1,000	1,000	1,000	1,000	1,000	1,000
Administrative and auxiliary.....	..	..	..	1,000	1,000	1,000	1,000	1,000	1,000

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22



## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	Value added by manufac- ture, unadjusted	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	(\$1,000)	All employees, number	
PITTSBURGH STANDARD METROPOLITAN STATISTICAL AREA (Consists of Allegheny, Beaver, Washington, and Westmoreland Counties, Pennsylvania)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,481	2,916	318,446	1,841,371	2,625,384	2,623,883	269,873	331,570	2,480,530
20	Food and kindred products.....	422	128	20,556	101,233	183,220	187,191	15,718	21,646	155,608
23	Apparel and related products.....	68	27	2,163	6,391	10,756	11,081	641	2,243	8,845
24	Lumber and wood products.....	81	7	582	2,645	4,708	4,955	235	835	5,708
25	Furniture and fixtures.....	84	28	2,223	9,836	16,247	16,390	408	2,109	13,558
26	Pulp, paper and products.....	35	22	3,314	14,571	28,297	29,405	2,696	3,199	22,632
27	Printing and publishing.....	335	75	9,065	49,388	73,947	74,527	5,325	8,964	63,559
28	Chemicals and products.....	111	45	6,010	34,304	60,703	60,988	11,066	6,373	71,934
29	Petroleum and coal products.....	22	7	726	4,041	6,533	6,944	737	818	5,705
30	Rubber products.....	9	3	360	1,625	2,944	3,063	156	1,122	6,452
32	Stone, clay, and glass products <sup>3</sup> .....	262	116	17,920	88,228	162,766	157,971	8,686	20,293	145,029
33	Primary metal industries.....	178	118	118,155	718,917	1,149,068	1,188,514	184,947	134,506	1,084,783
34	Fabricated metal products.....	319	144	29,698	161,320	273,879	280,165	16,805	30,360	224,890
35	Machinery, except electrical <sup>3</sup> .....	307	98	29,467	183,242	273,902	252,312	11,043	20,768	175,556
36	Electrical machinery.....	63	35	20,258	109,847	221,673	200,609	7,053	28,080	320,265
37	Transportation equipment.....	28	10	15,650	53,366	87,460	82,196	2,236	10,985	91,353
38	Instruments and related products.....	27	12	3,475	17,858	32,347	32,265	733	4,367	37,277
39	Miscellaneous manufactures (including Ordnance).....	113	37	4,413	21,475	35,723	33,917	1,348	6,275	45,557
--	Administrative and auxiliary <sup>4</sup> .....	...	...	34,077	262,176	...	...	...	28,162	...
PORTLAND STANDARD METROPOLITAN STATISTICAL AREA (Consists of Clackamas, Multnomah and Washington Counties, Oregon; and Clark County, Washington)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,1738	2,458	58,682	295,396	608,244	608,386	32,148	57,453	475,021
20	Food and kindred products.....	211	82	10,078	46,046	120,331	117,868	5,363	10,054	87,950
22	Textile mill products.....	12	9	2,338	10,495	19,932	18,912	1,017	2,589	14,399
23	Apparel and related products.....	60	24	2,864	9,236	14,224	15,305	147	2,789	17,556
24	Lumber and wood products.....	384	69	7,134	34,114	54,864	54,304	4,285	8,813	61,323
25	Furniture and fixtures.....	77	16	1,817	7,630	11,889	11,905	229	1,761	11,356
26	Pulp, paper and products.....	36	24	7,073	38,363	99,926	100,347	5,787	6,729	72,905
27	Printing and publishing.....	196	32	3,511	18,700	30,299	30,541	931	3,299	25,641
28	Chemicals and products.....	74	19	1,303	6,680	21,678	22,931	2,460	1,417	15,656
32	Stone, clay, and glass products <sup>3</sup> .....	77	17	1,614	8,352	17,383	16,931	1,835	771	5,734
33	Primary metal industries.....	50	26	4,547	27,179	67,345	67,102	1,286	4,617	57,780
34	Fabricated metal products.....	154	51	4,262	21,955	35,871	39,207	1,835	5,052	34,348
35	Machinery, except electrical <sup>3</sup> .....	188	32	3,438	19,263	36,564	34,102	1,551	2,977	25,062
36	Electrical machinery.....	39	14	2,424	13,742	28,214	28,476	3,666	1,085	9,921
37	Transportation equipment.....	51	15	3,335	18,373	29,098	30,206	915	1,950	13,122
39	Miscellaneous manufactures (in- cluding Ordnance).....	83	14	971	4,185	7,110	7,336	414	1,655	9,610
--	Administrative and auxiliary <sup>4</sup> .....	...	...	786	5,230	...	...	...	724	...
PROVIDENCE STANDARD METROPOLITAN STATISTICAL AREA (Consists of Central Falls, Cranston, Pawtucket, Providence, and Woonsocket cities, and Burrillville, Cumberland, East Providence, Johnston, Lincoln, North Providence, North Smithfield, and Smithfield towns in Providence County; Narragansett and North Kingstown towns in Washington County; Warwick city, and Coventry, East Greenwich, and West Warwick towns in Kent County; Jamestown town in Newport County; and all of Bristol County, Rhode Island; Attleboro city, and North Attleboro and Seekonk towns in Bristol County; Bellingham, Franklin, Plainville, and Wrentham towns in Norfolk County; and Blackstone and Millville towns in Worcester County, Massachusetts.)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,908	2,1,000	128,534	514,088	854,681	856,054	33,199	(a)	(b)
20	Food and kindred products.....	239	62	6,258	26,611	51,613	54,278	3,116		
22	Textile mill products.....	352	206	25,453	92,641	134,216	130,389	4,448		
23	Apparel and related products.....	85	50	4,532	12,257	25,769	23,678	351		
24	Lumber and wood products.....	39	3	358	1,388	2,409	2,491	74		
25	Furniture and fixtures.....	29	8	543	2,316	3,766	3,793	759		
26	Pulp, paper and products.....	43	28	2,531	9,452	16,085	16,614	895		
27	Printing and publishing.....	169	33	3,681	17,852	30,311	30,353	1,718		
28	Chemicals and products.....	83	23	1,881	8,618	19,407	20,005	2,449		
30	Rubber products.....	20	15	4,947	22,996	41,516	41,799	991		
32	Stone, clay, and glass products <sup>3</sup> .....	54	12	1,920	9,054	18,302	17,134	451		
34	Fabricated metal products.....	372	82	7,907	32,910	53,482	51,682	1,787		
35	Machinery, except electrical <sup>3</sup> .....	278	71	11,922	58,009	100,818	96,483	6,095		
37	Transportation equipment.....	24	8	770	3,246	6,586	6,766	141		
38	Instruments and related products.....	38	20	4,525	20,044	33,017	31,516	620		
39	Miscellaneous manufacture (including Ordnance).....	918	301	35,056	124,836	206,318	212,318	5,795		
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,072	7,409	...	...	...		

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

GENERAL INSTRUCTIONS FOR STANDARD METROPOLITAN STATISTICAL AREA WITHIN A 25 MILE RADIUS OF THE CITY OF BOSTON

See text for explanation of symbols and abbreviations

Code	Major Industry Group	1950							
		Establishments, number		All employees		Value of manufacture		Turnover, \$1,000	Total assets, \$1,000
		Total	With 25 or more employees	Number	Payroll, \$1,000	Unadjusted, \$1,000	Adjusted, \$1,000		
READING STANDARD METROPOLITAN STATISTICAL AREA (Consists of Berks County, Pennsylvania)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	209	2319	48,353	93,116	33,203	34,100	11,000	1,000
20	Food and kindred products.....	114	3	4,411	10,343	2,700	3,000	1,000	1,000
22	Textile mill products.....	136	82	1,960	3,112	5,310	5,600	1,000	1,000
23	Apparel and related products.....	52	44	4,338	11,200	16,700	17,000	1,000	1,000
24	Lumber and wood products.....	27	4	269	982	1,400	1,200	1,000	1,000
26	Pulp, paper and products.....	20	15	1,388	6,370	13,000	13,000	1,000	1,000
27	Printing and publishing.....	44	7	401	2,200	2,400	2,400	1,000	1,000
28	Chemicals and products.....	21	6	942	2,291	13,000	13,000	1,000	1,000
31	Leather and leather goods.....	17	13	2,370	7,379	2,000	2,000	1,000	1,000
32	Stone, clay, and glass products <sup>3</sup> .....	20	6	617	2,831	7,204	7,200	1,000	1,000
33	Primary metal industries.....	40	26	6,06	1,271	2,018	2,100	1,000	1,000
34	Machinery, except electrical <sup>4</sup> .....	67	17	5,103	23,966	40,000	34,800	1,000	1,000
35	Electrical machinery.....	14	9	2,657	12,530	10,000	21,000	1,000	1,000
36	Transportation equipment.....	11	7	2,792	15,108	28,100	29,000	1,000	1,000
--	Administrative and auxiliary <sup>5</sup> .....	...	...	...	602	...	...	...	...
RICHMOND STANDARD METROPOLITAN STATISTICAL AREA (Consists of Richmond City; Chesterfield and Henrico Counties)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2497	2209	41,803	192,134	448,741	451,258	114,000	1,000
20	Food and kindred products.....	7	38	5,228	2,954	38,624	37,611	1,000	1,000
21	Tobacco manufactures.....	12	12	9,116	37,415	203,198	202,387	1,000	1,000
23	Apparel and related products.....	19	14	2,708	9,055	13,000	12,000	1,000	1,000
24	Lumber and wood products.....	49	17	1,51	4,163	6,700	6,220	1,000	1,000
25	Furniture and fixtures.....	1	9	1,033	3,951	6,613	6,820	1,000	1,000
26	Pulp, paper and products.....	26	25	3,400	15,098	26,332	26,683	1,000	1,000
27	Printing and publishing.....	106	26	3,638	15,762	27,811	26,000	1,000	1,000
28	Chemicals and products.....	43	16	5,518	13,959	78,024	70,130	1,000	1,000
32	Stone, clay, and glass products <sup>3</sup> .....	29	13	934	3,807	8,800	8,884	1,000	1,000
33	Primary metal industries.....	8	4	560	2,917	2,472	2,581	1,000	1,000
34	Fabricated metal products.....	17	15	2,769	13,766	29,887	29,960	1,000	1,000
35	Machinery, except electrical <sup>4</sup> .....	31	7	766	3,000	5,107	4,901	1,000	1,000
39	Miscellaneous manufactures (including Ordnance).....	18	9	772	2,534	6,100	6,100	1,000	1,000
--	Administrative and auxiliary <sup>5</sup> .....	...	...	3,541	24,732	...	...	1,000	1,000
ROCHESTER STANDARD METROPOLITAN STATISTICAL AREA (Consists of Wayne County, New York)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,1020	2338	106,681	599,201	1,94,192	1,796,424	54,601	114,000
20	Food and kindred products.....	187	62	8,773	39,176	42,335	96,149	5,700	1,000
22	Textile mill products.....	4	4	912	4,135	7,156	6,326	1,000	1,000
23	Apparel and related products.....	44	17	7,977	27,583	46,771	46,707	1,000	1,000
25	Furniture and fixtures.....	30	9	1,023	5,921	1,611	11,000	29	1,000
26	Pulp, paper and products.....	39	20	1,679	7,721	13,802	14,104	378	1,000
27	Printing and publishing.....	149	33	5,066	26,772	42,107	43,562	1,000	1,000
28	Chemicals and products.....	37	6	1,27	5,780	18,288	18,864	1,000	1,000
31	Leather and leather goods.....	14	4	531	1,790	2,911	3,919	30	1,000
32	Stone, clay, and glass products <sup>3</sup> .....	40	13	660	3,412	6,247	6,485	700	1,000
33	Primary metal industries.....	22	12	823	3,945	6,478	6,569	844	1,000
34	Fabricated metal products.....	101	33	3,394	17,41	30,670	29,771	1,112	1,000
35	Machinery, except electrical <sup>4</sup> .....	166	39	8,627	48,114	70,100	70,001	1,000	1,000
36	Electrical machinery.....	29	16	14,030	76,493	115,033	100,954	1,000	1,000
37	Instruments and related products.....	60	34	42,124	66,584	66,000	67,000	1,000	1,000
39	Miscellaneous manufactures (including Ordnance).....	62	25	3,801	18,164	26,641	27,318	499	1,000
--	Administrative and auxiliary <sup>5</sup> .....	...	...	3,341	27,001	...	...	...	...

GROUP 20

GROUP 21

GROUP 22

## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954--Continued  
(See text for explanation of column captions)

Code	Major industry group	1958						1954			
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad-justed (\$1,000)	Ad-justed (\$1,000)	(\$1,000)		(\$1,000)	
		ST. LOUIS STANDARD METROPOLITAN STATISTICAL AREA (Consists of St. Louis City, Jefferson, St. Charles, and St. Louis Counties, Missouri; Madison and St. Clair Counties, Illinois)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 3,143	<sup>2</sup> 1,254	256,381	1,320,832	2,328,033	2,337,620	152,488	266,872	2,088,315	
20	Food and kindred products.....	407	170	30,682	166,550	339,811	348,201	17,697			
22	Textile mill products.....	23	13	2,150	6,951	10,388	10,329	154			
23	Apparel and related products.....	237	130	12,117	37,351	65,140	66,668	1,157			
24 <sup>1</sup>	Lumber and wood products.....	95	31	1,943	8,039	11,792	12,334	474			
25	Furniture and fixtures.....	108	42	4,655	19,519	31,957	31,866	574			
26	Pulp, paper and products.....	84	58	7,809	37,205	64,399	65,112	5,542			
27	Printing and publishing.....	472	112	13,797	74,390	112,670	113,990	3,285			
28	Chemicals and products.....	249	101	16,633	90,740	256,512	262,593	21,059			
29	Petroleum and coal products.....	27	13	7,009	43,193	99,766	96,494	30,292			
31	Leather and leather goods.....	83	54	10,131	34,771	46,811	46,565	720			
32	Stone, clay, and glass products <sup>3</sup> .....	166	60	10,129	51,826	115,808	115,388	7,651			
33	Primary metal industries.....	86	59	21,091	117,675	186,591	198,507	13,903			
34	Fabricated metal products.....	397	135	18,517	93,425	172,204	173,751	5,804			
35	Machinery, except electrical <sup>3</sup> .....	386	117	17,772	93,839	165,004	164,317	13,844			
36	Electrical machinery.....	73	41	15,347	79,300	128,814	126,756	3,693			
37	Transportation equipment.....	51	24	41,306	232,876	403,723	385,584	23,772			
38	Instruments and related products.....	41	13	1,759	8,439	13,109	14,219	542			
39	Miscellaneous manufactures (including Ordnance).....	178	72	10,553	45,141	91,228	92,469	2,100			
--	Administrative and auxiliary <sup>4</sup> .....	...	...	11,792	78,093	...	...	...			
									( <sup>20</sup> )	( <sup>20</sup> )	
		SAN DIEGO STANDARD METROPOLITAN STATISTICAL AREA (Consists of San Diego County, California)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 756	<sup>2</sup> 160	71,394	447,883	579,875	613,610	25,944	48,137	390,218	
20	Food and kindred products.....	113	41	4,480	23,552	49,827	50,137	1,799	4,479	41,950	
23	Apparel and related products.....	30	8	1,245	3,889	5,585	5,621	83	870	3,666	
24	Lumber and wood products.....	34	2	259	1,456	2,451	2,746	97	176	1,207	
25	Furniture and fixtures.....	47	9	593	2,835	4,317	4,487	112	403	2,397	
27	Printing and publishing.....	119	16	2,284	12,892	27,902	27,922	970	1,677	15,812	
28	Chemicals and products.....	32	4	409	2,195	8,465	7,975	551	398	6,091	
32	Stone, clay, and glass products <sup>3</sup> .....	48	10	758	4,601	8,886	8,913	439	252	1,903	
34	Fabricated metal products.....	72	10	714	3,419	5,511	5,697	463	537	3,912	
35	Machinery, except electrical <sup>3</sup> .....	71	13	1,096	5,743	9,670	9,899	1,047	415	3,407	
36	Electrical machinery.....	29	7	1,039	5,901	9,982	9,206	768	366	1,679	
37	Transportation equipment.....	60	23	56,473	367,983	432,928	466,119	18,798	37,024	299,679	
38	Instruments and related products.....	15	3	633	4,238	6,494	6,773	316	562	4,804	
39	Miscellaneous manufactures (including Ordnance).....	57	7	522	2,313	4,372	4,238	368	414	3,052	
--	Administrative and auxiliary <sup>4</sup> .....	...	...	501	4,799	...	...	...	406	...	
		SAN FRANCISCO-OAKLAND STANDARD METROPOLITAN STATISTICAL AREA (Consists of Alameda, Contra Costa, Marin, San Francisco, San Mateo, and Solano Counties, California)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 4,439	<sup>2</sup> 1,318	190,869	1,079,636	2,033,424	2,045,178	153,381	186,206	1,673,825	
20	Food and kindred products.....	607	260	36,521	188,341	476,572	494,137	21,109	34,827	399,609	
22	Textile mill products.....	27	16	1,213	5,801	11,886	11,461	435	1,380	10,217	
23	Apparel and related products.....	379	106	8,028	26,286	51,371	52,668	837	8,757	50,126	
24	Lumber and wood products.....	154	31	1,788	8,996	13,138	14,006	1,100	2,014	13,185	
25	Furniture and fixtures.....	239	52	4,880	22,421	38,512	38,861	1,701	4,501	32,583	
26	Pulp, paper and products.....	90	57	7,400	40,041	80,353	81,463	5,593	6,591	63,889	
27	Printing and publishing.....	687	140	18,119	105,662	167,483	168,168	7,647	15,918	130,050	
28	Chemicals and products.....	281	92	11,320	64,934	174,649	187,694	30,116	11,345	152,452	
29	Petroleum and coal products.....	28	12	7,437	47,449	158,719	139,245	35,919	7,692	128,946	
32	Stone, clay, and glass products <sup>3</sup> .....	186	62	6,869	38,104	79,208	78,635	5,358	5,131	49,288	
33	Primary metal industries.....	117	55	10,295	64,049	141,733	140,221	7,745	11,438	103,831	
34	Fabricated metal products.....	473	147	20,657	117,770	210,636	208,644	12,647	17,851	144,474	
35	Machinery, except electrical <sup>3</sup> .....	523	112	13,832	79,071	140,533	142,792	9,695	13,851	121,839	
36	Electrical machinery.....	138	55	11,254	66,824	120,502	117,892	7,875	7,465	73,291	
37	Transportation equipment.....	115	45	12,204	70,122	110,848	109,110	3,602	15,752	126,650	
38	Instruments and related products.....	61	15	1,139	5,731	11,798	12,202	271	1,001	9,023	
39	Miscellaneous manufactures (including Ordnance).....	263	42	2,974	13,501	20,771	22,441	1,272	4,041	30,841	
--	Administrative and auxiliary <sup>4</sup> .....	...	...	12,962	101,220	...	...	...	13,071	...	

See footnotes at end of table.

# 1958 CENSUS OF MANUFACTURES

GENERAL STATE, DISTRICT, AND METROPOLITAN AREAS AND CITIES

(See text for explanation of symbols)

Code	Major industry group	Establishments, number		All employ-		Value added by manufacture		Total product	Total value added
		Total	With 10 or more employees	Number	Payroll \$	Unadjusted \$	Adjusted \$		

## SAN JOSE STANDARD METROPOLITAN STATISTICAL AREA (Consists of Santa Clara County, California)

	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2768	2151	53,043	33,036	61,114	622,851	1,000,000	1,000,000
20	Food and kindred products.....	149	78	12,010	50,919	151,366	125,720	5,980	11,870
21	Lumber and wood products.....	28	5	478	2,152	3,879	3,900	11	1,651
22	Furniture and fixtures.....	33	4	721	4,032	4,818	5,305	24	1,101
23	Pulp, paper and products.....	1	9	1,346	5,889	24,582	13,442	1,877	1,877
24	Printing and publishing.....	32	20	2,270	11,953	21,843	22,109	1,806	1,806
25	Chemicals and products.....	11	8	27	1,760	12,357	13,669	733	1,100
26	Stone, clay, and glass products <sup>3</sup> .....	1	21	2,150	13,138	38,493	38,493	1,921	1,921
27	Primary metal industries.....	29	6	334	1,769	2,765	2,768	127	186
28	Fabricated metal products.....	62	17	2,306	14,539	31,266	31,486	1,141	1,367
29	Machinery, except electrical <sup>3</sup> .....	135	26	5,519	35,423	31,258	49,708	7,672	2,143
30	Electrical machinery.....	53	31	5,900	37,232	64,228	64,646	1,662	1,662
31	Administrative and auxiliary <sup>4</sup> .....	...	...	1,762	13,375	...	...	...	...

## SEATTLE STANDARD METROPOLITAN STATISTICAL AREA (Consists of King and Snohomish Counties, Washington)

	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	21,911	2,483	15,498	663,133	1,149,737	1,067,556	56,872	1,000,000
20	Food and kindred products.....	290	103	12,236	51,981	141,585	126,104	5,603	1,000,000
21	Apparel and related products.....	82	32	2,269	8,043	12,899	13,152	369	1,000,000
22	Lumber and wood products.....	363	63	8,734	38,643	60,823	53,877	1,887	1,000,000
23	Furniture and fixtures.....	81	18	1,079	7,774	7,988	7,976	239	1,000,000
24	Pulp, paper and products.....	20	16	3,661	13,765	62,336	61,240	1,654	1,000,000
25	Printing and publishing.....	226	35	4,128	22,256	36,715	36,969	1,661	1,000,000
26	Chemicals and products.....	78	23	1,298	6,979	14,892	15,989	937	1,000,000
27	Stone, clay, and glass products <sup>3</sup> .....	90	28	2,492	14,336	25,770	27,043	1,117	1,000,000
28	Primary metal industries.....	33	14	2,197	12,549	10,848	17,710	(D)	1,000,000
29	Fabricated metal products.....	182	28	5,265	29,438	48,395	50,843	2,313	1,000,000
30	Machinery, except electrical <sup>3</sup> .....	186	37	3,335	19,052	31,16	32,031	1,330	1,000,000
31	Electrical machinery.....	38	10	784	4,062	8,073	8,011	230	1,000,000
32	Transportation equipment.....	95	20	67,793	420,682	607,961	611,328	17,954	1,000,000
33	Miscellaneous manufactures (Including Ordnance).....	111	14	1,098	4,544	6,745	7,963	513	1,000,000
34	Administrative and auxiliary <sup>4</sup> .....	...	...	472	3,509	...	...	...	...

## SOUTH BEND STANDARD METROPOLITAN STATISTICAL AREA (Consists of St. Joseph County, Indiana)

	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,311	2108	34,639	194,546	309,206	311,357	13,114	1,000,000
20	Food and kindred products.....	41	18	1,686	8,596	2,700	20,708	953	1,000,000
21	Apparel and related products.....	10	5	918	2,496	4,827	4,870	91	1,000,000
22	Lumber and wood products.....	13	4	340	1,389	2,822	2,837	51	1,000,000
23	Furniture and fixtures.....	5	4	379	1,662	2,494	2,587	41	1,000,000
24	Pulp, paper and products.....	49	4	821	4,477	7,682	7,682	90	1,000,000
25	Printing and publishing.....	9	1	360	2,272	4,920	4,979	116	1,000,000
26	Chemicals and products.....	46	15	1,124	1,210	8,78	11,02	263	1,000,000
27	Fabricated metal products.....	67	22	4,784	31,434	44,227	43,371	1,680	1,000,000
28	Machinery, except electrical <sup>3</sup> .....	9	4	478	2,134	3,98	3,920	143	1,000,000
29	Electrical machinery.....	19	1	153	2,247	3,431	3,674	147	1,000,000
30	Miscellaneous manufactures (Including Ordnance).....	...	...	3	212	...	...	...	...
31	Administrative and auxiliary <sup>4</sup> .....	...	...	...	...	...	...	...	...

GROUP 20

GROUP 21

GROUP 22



## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	Value added by manufac- ture, unadjusted	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	(\$1,000)	All employees, number	
SPRINGFIELD-HOLYOKE STANDARD METROPOLITAN STATISTICAL AREA (Consists of Chicopee, Holyoke, Springfield, and Westfield Cities and Agawan, East Longmeadow, Long- meadow, Ludlow, Monson, Palmer, West Springfield, and Wilbraham towns in Hampden County; Northampton City, Easthampton, Hadley, and South Hadley towns in Hampshire County, and Warren town in Worcester County, Massachusetts)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2949	2384	71,631	342,443	591,446	593,659	26,839		
20	Food and kindred products.....	121	40	3,993	17,626	27,975	29,388	1,846	(8)	
22	Textile mill products.....	29	24	4,824	18,229	29,817	30,666	1,259		
23	Apparel and related products.....	44	30	4,068	13,109	19,983	20,106	1,139		
24	Lumber and wood products.....	36	7	805	3,203	5,268	5,448	122		
25	Furniture and fixtures.....	23	7	723	2,896	4,908	4,702	118		
26	Pulp, paper and products.....	69	47	7,474	35,002	61,448	61,988	3,391		
27	Printing and publishing.....	125	37	4,888	21,212	39,179	39,143	2,056		
28	Chemicals and products.....	33	12	3,877	22,220	71,247	71,307	3,247		
31	Leather and leather goods.....	6	2	903	3,947	5,972	6,573	219		
32	Stone, clay, and glass products <sup>2</sup> .....	41	8	513	2,785	4,126	4,442	1,092		
33	Primary metal industries.....	32	19	2,579	13,703	20,420	19,617	1,061	(8)	
34	Fabricated metal products.....	109	42	4,395	23,301	38,464	37,708	2,300		
35	Machinery, except electrical <sup>3</sup> .....	157	50	14,062	76,957	131,412	122,147	3,539		
36	Electrical machinery.....	27	16	4,070	16,468	24,257	26,455	728		
37	Transportation equipment.....	10	3	573	2,883	3,458	3,621	146		
39	Miscellaneous manufactures (including Ordnance).....	68	29	7,886	31,622	52,801	55,241	1,737		
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,739	12,592	...	...	...		
SYRACUSE STANDARD METROPOLITAN STATISTICAL AREA (Consists of Madison, Onondago, and Oswego Counties, New York)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2769	2283	68,901	363,414	671,373	674,343	25,555		70,112
20	Food and kindred products.....	134	55	5,721	26,212	69,290	73,223	3,166		(22)
22	Textile mill products.....	7	5	761	2,764	4,131	3,846	222		
23	Apparel and related products.....	17	4	928	2,741	3,183	3,150	24		
24	Lumber and wood products.....	42	7	505	2,067	2,250	3,098	265		
25	Furniture and fixtures.....	27	10	751	2,773	3,381	3,676	216		
26	Pulp, paper and products.....	33	25	5,106	24,727	32,625	33,617	2,503		
27	Printing and publishing.....	102	25	2,308	11,526	23,426	23,278	515		
28	Chemicals and products.....	36	11	3,905	21,642	59,941	59,985	2,385		
31	Leather and leather goods.....	5	3	622	1,996	2,484	2,463	23		
32	Stone, clay, and glass products <sup>2</sup> .....	36	11	2,370	10,571	18,367	18,985	914		
33	Primary metal industries.....	38	24	4,315	23,357	31,954	32,065	2,128	(22)	
34	Fabricated metal products.....	88	32	3,364	16,938	27,768	27,787	814		
35	Machinery, except electrical <sup>3</sup> .....	124	37	14,185	76,049	124,960	131,852	8,080		
36	Electrical machinery.....	14	8	7,836	38,171	86,833	80,502	1,625		
37	Transportation equipment.....	14	7	3,475	17,806	26,350	25,280	733		
38	Instruments and related products.....	9	4	355	1,499	2,771	2,651	53		
39	Miscellaneous manufactures (including Ordnance).....	33	12	9,365	64,859	149,961	147,083	1,624		
--	Administrative and auxiliary <sup>4</sup> .....	...	...	2,856	16,861	...	...	...		
TOLEDO STANDARD METROPOLITAN STATISTICAL AREA (Consists of Lucas County, Ohio)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2726	2246	58,232	337,771	550,140	569,765	48,416		63,639
20	Food and kindred products.....	83	41	4,753	24,677	52,633	54,920	3,450	4,522	
24	Lumber and wood products.....	23	8	750	3,815	7,551	8,227	154		
25	Furniture and fixtures.....	15	7	483	2,691	4,747	3,989	196		
26	Pulp, paper and products.....	15	9	1,193	4,946	7,690	7,751	363		
27	Printing and publishing.....	94	17	1,967	11,704	17,113	17,104	401		
28	Chemicals and products.....	36	11	1,615	10,058	22,917	22,030	6,921		
29	Petroleum and coal products.....	11	5	2,375	16,923	38,872	39,787	20,511		
32	Stone, clay, and glass products <sup>3</sup> .....	39	13	4,331	25,531	68,616	69,149	4,702		
33	Primary metal industries.....	33	19	3,563	20,816	34,728	35,664	792		
34	Fabricated metal products.....	108	36	5,536	28,984	42,833	43,891	1,001		
35	Machinery, except electrical <sup>3</sup> .....	139	35	7,517	41,417	72,619	67,792	2,529	11,395	
37	Transportation equipment.....	26	13	11,292	64,001	95,318	103,266	4,580		
39	Miscellaneous manufactures (including Ordnance).....	47	7	978	4,024	7,361	7,541	437		
--	Administrative and auxiliary <sup>4</sup> .....	...	...	4,135	33,737	...	...	...		

See footnotes at end of table.



## 1958 CENSUS OF MANUFACTURES

GENERAL SUMMARY OF STATISTICAL AREA METROPOLITAN STATISTICAL AREA (Consists of Mercer County, New Jersey)

See text for explanation of column captions

Code	Major industry group	Establishments, number		All employees		Value added by manufacture		Capital expenditures, new	All employees, number	Value added, \$1,000
		Total	With 25 or more employees	Number	Payroll (\$1,000)	Manufactured (\$1,000)	All other (\$1,000)			
MERCEUR STANDARD METROPOLITAN STATISTICAL AREA (Consists of Mercer County, New Jersey)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	246	2188	20,898	137,447	342,401	137,111	11,111	20,898	137,447
20	Food and kindred products.....	60	22	1,519	4,149	1,229	2,920	34	1,519	4,149
22	Textile mill products.....	11	8	1,420	3,448	2,408	7,690	14	1,420	3,448
25	Furniture and fixtures.....	12	11	277	1,199	2,281	2,209	16	277	1,199
28	Chemicals and products.....	27	13	1,612	3,119	43,278	3,287	42	1,612	3,119
30	Rubber products.....	17	13	3,342	16,389	2,967	23,287	28	3,342	16,389
32	Stone, clay, and glass products <sup>2</sup> .....	54	27	4,542	21,417	36,877	35,454	42	4,542	21,417
33	Primary metal industries.....	9	4	1,504	8,431	12,008	12,677	1,448	1,504	8,431
34	Fabricated metal products.....	42	18	6,280	33,917	66,135	67,394	1,793	6,280	33,917
35	Machinery, except electrical <sup>3</sup> .....	59	15	4,144	22,717	42,025	39,324	2,253	4,144	22,717
36	Electrical machinery.....	14	10	3,121	15,501	28,999	27,917	1,776	3,121	15,501
37	Transportation equipment.....	5	3	529	2,279	3,817	3,711	71	529	2,279
39	Miscellaneous manufactures (including Ordnance).....	26	12	2,157	10,078	16,377	16,788	493	2,157	10,078
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,280	1,740	...	...	...	1,280	1,740
UTICA-ROSE STANDARD METROPOLITAN STATISTICAL AREA (Consists of Herkimer and Oneida Counties, New York)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2475	2170	40,565	194,849	351,984	352,719	17,301	40,565	194,849
20	Food and kindred products.....	118	37	2,389	10,500	26,018	27,614	1,603	2,389	10,500
22	Textile mill products.....	16	12	1,708	6,147	10,595	10,656	724	1,708	6,147
23	Apparel and related products.....	22	14	1,772	4,939	5,985	5,810	72	1,772	4,939
24	Lumber and wood products.....	39	7	589	2,136	3,366	3,494	729	589	2,136
25	Furniture and fixtures.....	19	8	1,041	4,441	8,921	9,531	113	1,041	4,441
26	Pulp, paper and products.....	11	8	1,032	5,158	12,464	12,681	859	1,032	5,158
27	Printing and publishing.....	51	8	856	4,144	7,171	7,203	429	856	4,144
28	Chemicals and products.....	20	3	763	3,374	6,689	6,726	246	763	3,374
31	Leather and leather goods.....	11	10	1,241	4,026	7,184	7,267	34	1,241	4,026
32	Stone, clay, and glass products <sup>2</sup> .....	25	4	338	1,576	2,268	2,386	244	338	1,576
33	Primary metal industries.....	15	12	4,832	26,082	42,983	42,616	6,426	4,832	26,082
34	Fabricated metal products.....	32	17	3,203	16,225	34,113	34,296	436	3,203	16,225
35	Machinery, except electrical <sup>3</sup> .....	40	14	5,517	24,587	48,803	52,382	1,776	5,517	24,587
36	Electrical machinery.....	12	6	7,781	44,643	84,084	81,033	2,613	7,781	44,643
37	Transportation equipment.....	8	4	2,734	15,339	23,928	23,152	836	2,734	15,339
39	Miscellaneous manufactures (including Ordnance).....	26	12	4,308	18,788	34,735	33,794	1,110	4,308	18,788
--	Administrative and auxiliary <sup>4</sup> .....	...	...	301	2,040	...	...	144	301	2,040
WATERBURY STANDARD METROPOLITAN STATISTICAL AREA (Consists of Waterbury City; Naugatuck Borough; and Beacon Falls, Cheshire, Middlebury, Prospect, and Wolcott Towns in New Haven County; and Thomaston and Watertown Towns in Litchfield County, Connecticut)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2412	2144	37,235	188,889	267,253	266,942	21,547	37,235	188,889
20	Food and kindred products.....	30	6	927	4,880	15,309	15,471	394	927	4,880
23	Apparel and related products.....	13	7	968	2,565	3,112	3,093	18	968	2,565
26	Pulp, paper and products.....	3	3	323	1,707	2,634	2,603	19	323	1,707
27	Printing and publishing.....	25	4	749	3,723	5,267	5,267	(D)	749	3,723
32	Stone, clay, and glass products <sup>2</sup> .....	15	6	402	1,677	2,646	2,888	86	402	1,677
33	Primary metal industries.....	20	15	6,061	34,049	54,660	59,337	7,786	6,061	34,049
34	Fabricated metal products.....	131	44	7,241	36,619	54,066	51,200	3,879	7,241	36,619
35	Machinery, except electrical <sup>3</sup> .....	88	18	3,639	18,471	34,654	28,736	3,797	3,639	18,471
36	Electrical machinery.....	6	5	673	2,815	3,343	3,263	211	673	2,815
38	Instrumenta and related products.....	12	10	4,992	21,873	33,237	33,017	784	4,992	21,873
39	Miscellaneous manufactures (including Ordnance).....	39	16	3,239	14,992	22,793	24,100	1,048	3,239	14,992
--	Administrative and auxiliary <sup>4</sup> .....	...	...	770	4,991	...	...	...	770	4,991
WICHITA STANDARD METROPOLITAN STATISTICAL AREA (Consists of Sedgewick County, Kansas)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2440	2120	52,560	280,043	452,402	451,773	13,624	52,560	280,043
20	Food and kindred products.....	68	32	4,009	19,477	39,977	39,112	3,000	4,009	19,477
27	Printing and publishing.....	60	8	1,560	7,597	12,323	12,400	297	1,560	7,597
28	Chemicals and products.....	17	6	574	3,154	8,546	9,445	2,441	574	3,154
32	Stone, clay, and glass products <sup>2</sup> .....	32	7	424	2,811	6,788	6,700	418	424	2,811
33	Primary metal industries.....	26	7	360	1,423	2,280	2,203	74	360	1,423
34	Fabricated metal products.....	20	7	2,341	11,698	21,807	21,740	137	2,341	11,698
35	Machinery, except electrical <sup>3</sup> .....	80	14	2,681	12,276	24,736	24,501	600	2,681	12,276
37	Transportation equipment.....	39	15	39,175	5,209	1,744	1,744	923	39,175	5,209
39	Miscellaneous manufactures (including Ordnance).....	26	7	361	1,401	2,448	2,448	177	361	1,401
--	Administrative and auxiliary <sup>4</sup> .....	...	...	795	568	...	...	...	795	568

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22

## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954--Continued  
(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number	All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	(\$1,000)		
WILMINGTON STANDARD METROPOLITAN STATISTICAL AREA (Consists of New Castle County, Delaware; Salem County New Jersey)										
	ALL INDUSTRIES, total <sup>1</sup> .....	2368	2153	56,625	372,043	455,168	451,659	33,093	53,089	387,324
20	Food and kindred products.....	77	32	2,570	10,473	23,121	25,014	1,444	2,348	18,806
22	Textile mill products.....	10	8	2,680	11,886	15,494	15,381	1,259	2,663	17,417
23	Apparel and related products.....	26	11	956	2,487	3,278	3,333	91	1,228	4,836
26	Pulp, paper and products.....	8	6	634	3,007	5,837	5,550	464	832	8,241
27	Printing and publishing.....	37	10	1,229	6,926	10,438	10,404	261	1,234	8,256
32	Stone, clay, and glass products <sup>2</sup> .....	31	11	2,432	10,135	21,784	22,106	1,616	2,107	14,711
33	Primary metal industries.....	8	7	2,924	15,863	22,115	20,997	2,936	2,951	25,287
35	Machinery, except electrical <sup>3</sup> .....	43	14	2,651	15,880	18,524	15,584	1,277	2,607	13,995
--	Administrative and auxiliary <sup>4</sup> .....	...	...	17,321	155,669	...	...	...	15,170	...
WORCESTER STANDARD METROPOLITAN STATISTICAL AREA (Consists of Worcester City and Auburn, Berlin, Boylston, Brookfield, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford, Shrewsbury, Spencer, Sutton, Upton, Westborough, and West Boylston towns in Worcester County, Massachusetts)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2777	2311	50,593	239,184	377,229	374,813	22,107	( <sup>6</sup> )	( <sup>6</sup> )
20	Food and kindred products.....	82	25	2,285	10,260	21,061	22,835	1,117		
22	Textile mill products.....	62	35	3,221	12,391	21,165	22,581	827		
23	Apparel and related products.....	58	29	2,599	8,188	12,392	14,447	123		
24	Lumber and wood products.....	23	3	288	968	1,101	970	47		
25	Furniture and fixtures.....	21	7	307	1,239	2,225	2,248	57		
26	Pulp, paper and products.....	26	17	1,960	8,081	13,036	13,255	358		
27	Printing and publishing.....	71	15	1,663	8,321	11,999	12,041	738		
28	Chemicals and products.....	26	7	692	3,058	7,871	8,054	830		
30	Rubber products.....	4	2	270	1,470	2,094	2,651	11		
31	Leather and leather goods.....	33	20	3,214	9,666	14,323	14,580	264		
32	Stone, clay, and glass products <sup>2</sup> .....	16	6	4,715	27,988	48,470	45,310	7,335		
33	Primary metal industries.....	35	21	7,347	44,745	65,285	65,234	4,791		
34	Fabricated metal products.....	113	44	4,809	21,451	32,674	33,128	1,590		
35	Machinery, except electrical <sup>3</sup> .....	124	44	12,535	62,431	89,053	86,203	3,289		
36	Electrical machinery.....	20	7	767	3,104	4,759	4,844	233		
38	Instruments and related products.....	9	5	1,142	4,611	13,140	13,188	99		
--	Administrative and auxiliary <sup>4</sup> .....	...	...	45	384	...	...	...		
YORK STANDARD METROPOLITAN STATISTICAL AREA (Consists of York County, Pennsylvania)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2605	2299	41,353	167,623	324,001	323,345	15,387	45,390	282,942
20	Food and kindred products.....	114	53	3,731	13,637	28,183	29,362	2,100	3,814	22,638
21	Tobacco manufactures.....	43	21	1,829	4,770	11,259	11,293	798	2,404	9,652
22	Textile mill products.....	26	19	3,220	10,479	15,950	15,875	(D)	3,310	14,267
23	Apparel and related products.....	60	45	4,745	11,924	14,302	14,475	122	4,595	11,963
24	Lumber and wood products.....	31	3	296	805	1,383	1,443	112	562	2,074
25	Furniture and fixtures.....	42	25	3,330	13,793	22,784	22,826	615	3,556	19,650
26	Pulp, paper and products.....	25	14	2,833	14,756	30,330	30,829	2,198	2,344	21,710
27	Printing and publishing.....	49	16	2,054	9,095	16,502	17,008	1,428	1,799	12,544
31	Leather and leather goods.....	14	12	2,153	6,083	10,627	10,804	118	1,867	9,221
32	Stone, clay, and glass products <sup>2</sup> .....	30	8	854	3,923	9,175	9,641	737	923	6,425
34	Fabricated metal products.....	38	18	3,343	14,733	27,144	26,242	1,180	3,860	24,109
35	Machinery, except electrical <sup>3</sup> .....	66	28	7,638	38,017	85,214	79,847	1,476	9,155	75,033
36	Electrical machinery.....	9	7	559	3,105	10,363	10,003	446	734	7,045
39	Miscellaneous manufactures (including Ordnance).....	18	9	1,649	7,914	10,059	11,871	330	3,260	22,281
--	Administrative and auxiliary <sup>4</sup> .....	...	...	85	424	...	...	...	115	...

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

GENERAL INFORMATION AND STATE OF OHIO METROPOLITAN AND STANDARD METROPOLITAN AREAS WITH

(See text for explanation of column captions)

Code	Major industry group	1958						1959			
		Establishments, number		All employees		Value added by manufacture		Depreciation, new	All employees, number	Value added by manufacture, constant	
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)				
YOUNGSTOWN STANDARD METROPOLITAN STATISTICAL AREA (Consists of Mahoning and Trumbull Counties, Ohio)											
ALL INDUSTRIES, TOTAL.....		256 <sup>2</sup>	223 <sup>3</sup>	77,713	428,342	106,113	106,113	1,111	77,713	428,342	
20	Food and kindred products.....	72	29	2,567	12,124	17,700	19,000	1,111	2,567	12,124	
23	Apparel and related products.....	10	4	413	1,110	1,741	1,741	11	413	1,110	
24	Lumber and wood products.....	34	5	286	1,258	1,637	1,741	11	286	1,258	
26	Pulp, paper and products.....	6	6	352	1,395	2,805	2,805	11	352	1,395	
27	Printing and publishing.....	51	12	1,408	7,111	11,698	11,134	11	1,408	7,111	
28	Chemicals and products.....	18	7	267	1,466	3,771	3,867	11	267	1,466	
32	Stone, clay, and glass products <sup>3</sup> .....	58	21	2,243	1,202	17,942	18,814	1,111	2,243	1,202	
33	Primary metal industries.....	47	35	41,936	238,162	412,293	412,270	1,111	41,936	238,162	
34	Fabricated metal products.....	14	11	7,111	43,111	6,111	6,111	1,111	7,111	43,111	
35	Machinery, except electrical <sup>4</sup> .....	78	25	5,153	29,866	54,201	51,811	1,111	5,153	29,866	
36	Electrical machinery.....	22	12	4,630	23,176	3,030	3,030	1,111	4,630	23,176	
37	Transportation equipment.....	16	13	4,521	27,063	4,461	4,461	1,111	4,521	27,063	
39	Miscellaneous manufactures (including Ordnance).....	25	5	383	1,461	2,241	2,241	1,111	383	1,461	
--	Administrative and auxiliary <sup>5</sup> .....	...	...	755	8,116	...	...	...	...	...	

<sup>1</sup>Revised.<sup>2</sup>Withheld to avoid disclosing figures for individual companies.<sup>3</sup>The "All Industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.<sup>4</sup>Does not include the number of administrative and auxiliary units.<sup>5</sup>The 1958 Census of Manufactures figures include establishments classified in industry 3273, Ready-mixed concrete and establishments classified in industry 3999, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.<sup>6</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing companies primarily repair shops, for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.<sup>7</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to include Saratoga County in addition to the three counties previously covered by this area.<sup>8</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to include Clayton and Gwinnett Counties in addition to the three counties previously covered by this area.<sup>9</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to include Carroll and Howard Counties in addition to the independent city and two counties previously included in this area.<sup>10</sup>Comparable 1954 figures based on the new definition for the area were not available in time for inclusion in this preliminary report but will be included in the final report for the area. The definition of the standard metropolitan statistical area has been revised since 1954.<sup>11</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to exclude Lake County, Indiana but include McHenry County, Illinois.<sup>12</sup>The figures shown for 1958 represent a combination of the Chicago and the Gary-Hammond-East Chicago Standard Metropolitan Statistical Areas as they are currently defined. These two areas are the equivalent of the Chicago Standard Metropolitan Area (as formerly defined) plus the addition of McHenry County in Illinois and Porter County in Indiana. The figures for these two counties are included in the 1958 totals but are not included in the 1954 aggregates. They account for only 1 percent of the total employment in the combined area and do not have a significant effect in the figures for the area as a whole. It is not possible to show figures for most individual industries in these counties without disclosing the figures for individual companies; however, it should be noted that the major activities are concentrated in the metal and metal product industries.<sup>13</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to include Collin, Denton, and Ellis Counties in addition to Dallas County.<sup>14</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to include Miami County in addition to the two counties previously included in this area.<sup>15</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to include Boulder County in addition to the four counties previously included in this area.<sup>16</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to include Johnson County in addition to Tarrant County.<sup>17</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. Since these counties were not included as a standard metropolitan statistical area in June 1959, Lake County which comprises a major portion of this area, was formerly included in the Chicago Standard Metropolitan Statistical Area. Industry group figures will be included in the final report for this area.<sup>18</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to include Waukesha County in addition to Milwaukee County.<sup>19</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to include Washington County in addition to the four counties previously included in this area.<sup>20</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. Since these counties were not included as a standard metropolitan statistical area in June 1959, industry group figures will be included in the final report for this area.<sup>21</sup>Since figures by industry group were not shown for this area in the 1954 Census of Manufactures (it had been shown in the manufacturing area only), comparable 1954 figures by major industry group were not available for inclusion in this preliminary report. Figures by industry group for 1954 will be included in the final report for the State.<sup>22</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to include Jefferson County in addition to the four counties and one independent city previously included in this area.<sup>23</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to include Shawnee County in addition to King County.<sup>24</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to include Madison and Oswego Counties in addition to Onondaga County.<sup>25</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to exclude Mercer County, Pennsylvania, which was previously included in this area.

USCOM-DC

GROUP 20

GROUP 21

GROUP 22



MC(P)-5  
(Preliminary)



GROUP 20

GROUP 21

GROUP 22

**GENERAL STATISTICS  
FOR STATES BY  
MAJOR INDUSTRY GROUPS**

**1958  
Census  
of  
Manufactures**



**U.S. DEPARTMENT OF COMMERCE**

Frederick H. Mueller, Secretary

**BUREAU OF THE CENSUS**

Robert W. Burgess, Director





# BUREAU OF THE CENSUS

ROBERT W. BURGESS, Director

A. ROSS ECKLER, Deputy Director  
HOWARD C. GRIEVES, Assistant Director  
CONRAD TAEUBER, Assistant Director  
MORRIS H. HANSEN, Assistant Director for Statistical Standards  
LOWELL T. GALT, Assistant Director for Operations  
WALTER L. KEHRES, Assistant Director for Administration  
CALVERT L. DEDRICK, Chief, International Statistical Programs Office  
A. W. VON STRUVE, Acting Public Information Officer

## Industry Division

MAXWELL R. CONKLIN, Chief  
OWEN C. GRETTON, Assistant Chief

The statistics in this report will be superseded by data which will appear in the 1958 Census of Manufactures final Area reports which, in turn, will be included in Volume III, Area Statistics.

## SUGGESTED IDENTIFICATION

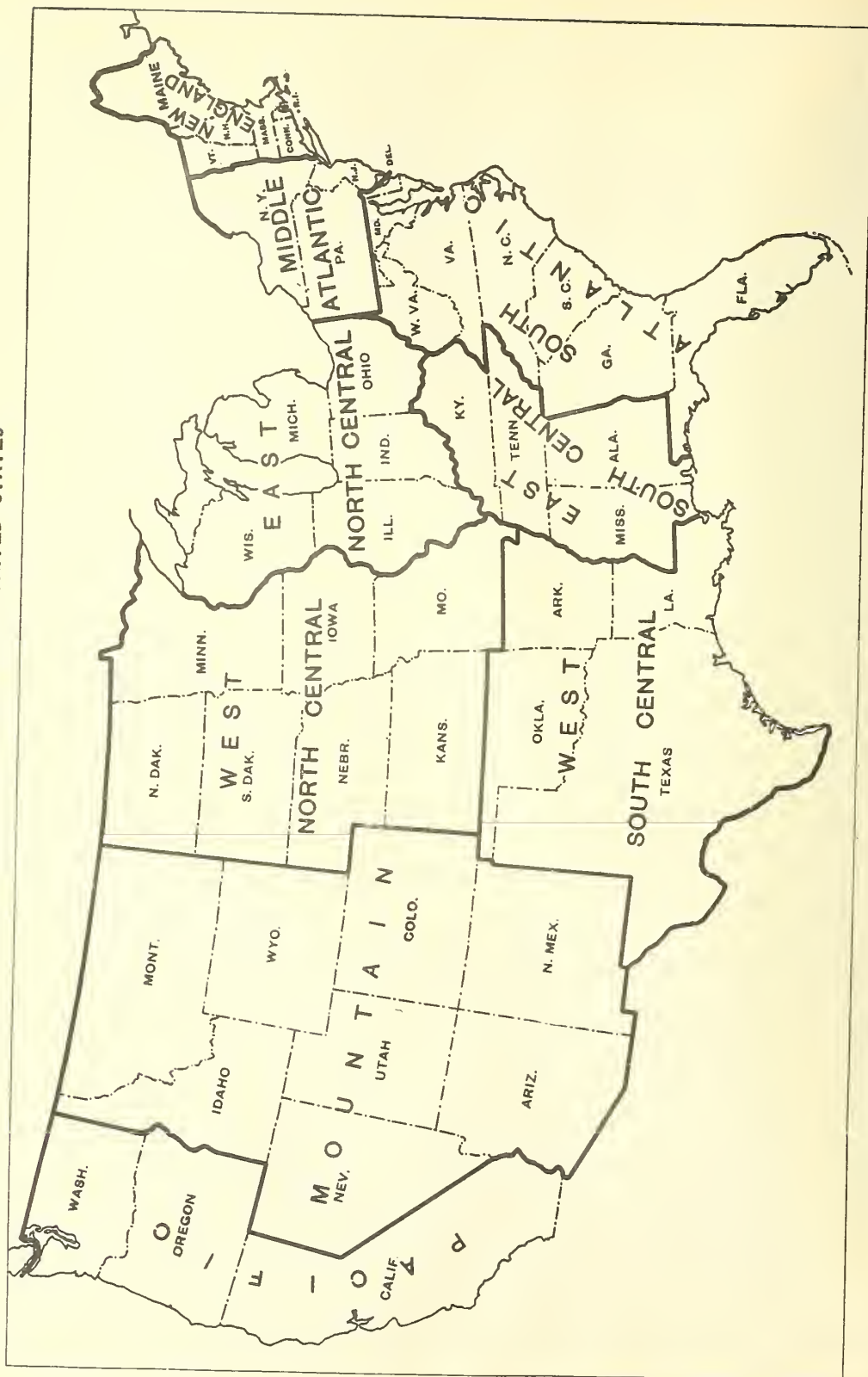
U. S. Bureau of the Census. Census of Manufactures: 1958  
*General Statistics for States by Major Industry Groups*  
Washington 25, D. C., 1960

For sale by the Bureau of the Census, Washington 25, D. C., or any of the Field Offices of the Department of Commerce. . . Price 25 cents

# CONTENTS

	Page
Introduction.....	1
Table 1 - General Statistics for the United States, by Divisions and States: 1958 and 1954 .	3
Table 2 - General Statistics for States, by Major Industry Group: 1958 and 1954:	
Alabama .....	4
Arizona.....	4
Arkansas.....	4
California.....	5
Colorado.....	5
Connecticut.....	5
Delaware.....	6
District of Columbia.....	6
Florida.....	6
Georgia.....	6
Idaho.....	7
Illinois.....	7
Indiana.....	7
Iowa.....	8
Kansas.....	8
Kentucky.....	8
Louisiana.....	8
Maine.....	9
Maryland.....	9
Massachusetts.....	9
Michigan.....	10
Minnesota.....	10
Mississippi.....	10
Missouri.....	11
Montana.....	11
Nebraska.....	11
Nevada.....	11
New Hampshire.....	11
New Jersey.....	12
New Mexico.....	12
New York.....	12
North Carolina.....	13
North Dakota.....	13
Ohio.....	13
Oklahoma.....	13
Oregon.....	14
Pennsylvania.....	14
Rhode Island.....	14
South Carolina.....	15
South Dakota.....	15
Tennessee.....	15
Texas.....	15
Utah.....	16
Vermont.....	16
Virginia.....	16
Washington.....	16
West Virginia.....	17
Wisconsin.....	17
Wyoming.....	17

# GEOGRAPHIC DIVISIONS OF THE UNITED STATES



# GENERAL STATISTICS FOR STATES

## BY MAJOR INDUSTRY GROUPS

This report presents a summary of some of the statistics previously published in the individual State reports. These figures are the results of preliminary tabulations from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are presented for each State by major industry groups. Comparable statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. In some instances minor revisions were made to the 1954 figures. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico. Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

### PUBLICATION PROGRAM

Preliminary reports for States, including standard metropolitan statistical areas and counties, have been issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the fall of 1960. The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. Most of these industry reports were released in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded

GROUP 20

GROUP 21

GROUP 22

from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all nonproduction personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments

which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

Administrative and auxiliary units.--In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.



## 1958 CENSUS OF MANUFACTURES

Table 1.--GENERAL STATISTICS FOR THE UNITED STATES, BY DIVISION AND STATES: 1958

See text for explanation of column options

State	1958						
	Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new
	Total	With 10 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	Number
UNITED STATES, TOTAL.....	398,705	35,491	10,446,545	78,282,104	140,706,426	141,313,580	773,917
New England.....	24,629	8,528	1,400,531	6,267,699	11,446,247	10,425,451	1,448,077
Maine.....	2,742	580	98,266	376,465	643,260	640,033	47,621
New Hampshire.....	1,454	339	79,592	301,282	490,838	494,675	24,541
Vermont.....	1,014	279	32,676	132,745	236,220	230,342	11,444
Massachusetts.....	11,415	4,174	678,910	3,039,745	5,093,700	5,599,271	25,076
Rhode Island.....	2,743	914	116,143	458,165	763,143	764,121	29,352
Connecticut.....	5,261	1,882	334,646	1,962,593	3,219,770	3,189,015	190,506
Middle Atlantic.....	31,834	27,904	4,151,338	20,553,247	35,045,805	35,029,577	1,627,350
New York.....	43,709	15,117	1,332,465	9,642,691	15,321,271	15,233,463	678,545
New Jersey.....	14,042	5,012	797,524	4,069,656	7,576,599	7,500,443	430,844
Pennsylvania.....	19,083	7,775	1,421,749	6,840,920	11,558,475	11,445,651	700,451
East North Central.....	60,333	20,929	2,255,649	22,898,985	40,691,660	40,744,033	2,605,671
Ohio.....	14,944	5,554	1,192,644	6,434,352	11,321,197	11,426,336	761,426
Indiana.....	6,575	2,445	552,287	2,377,675	5,490,129	5,461,542	490,590
Illinois.....	18,115	6,600	1,168,895	6,207,059	11,592,598	11,577,853	702,999
Michigan.....	13,417	3,993	822,641	5,172,363	8,350,761	8,213,659	435,066
Wisconsin.....	7,752	2,332	439,142	3,977,095	3,977,095	3,963,593	191,780
West North Central.....	20,157	5,361	963,740	4,590,432	8,591,631	8,804,060	416,515
Minnesota.....	5,327	1,435	219,168	1,084,114	1,944,850	2,034,061	179,703
Iowa.....	3,578	952	166,443	813,463	1,592,555	1,681,328	101,449
Missouri.....	6,447	2,222	380,749	1,737,510	3,162,754	3,211,437	169,977
North Dakota.....	433	80	6,533	26,602	61,314	63,734	5,775
South Dakota.....	576	114	13,191	55,591	108,006	114,455	5,775
Nebraska.....	1,536	411	58,653	264,808	507,689	537,499	48,647
Kansas.....	2,280	645	119,063	588,594	1,163,955	1,173,682	77,657
South Atlantic.....	33,372	10,576	1,392,341	7,289,599	14,268,240	14,358,373	944,472
Delaware.....	553	222	58,236	349,332	417,371	415,327	27,163
Maryland.....	3,431	1,334	259,205	1,254,813	2,347,211	2,361,177	120,276
District of Columbia.....	508	145	21,242	113,595	193,144	197,642	14,277
Virginia.....	4,418	1,384	257,800	984,731	2,129,992	2,135,042	141,500
West Virginia.....	1,909	521	118,634	593,408	1,204,487	1,213,154	164,179
North Carolina.....	7,293	2,641	463,681	1,492,773	3,079,411	3,107,388	170,828
South Carolina.....	2,876	942	224,901	729,546	1,360,236	1,348,284	74,740
Georgia.....	5,776	1,851	315,603	1,078,270	2,113,599	2,122,683	154,087
Florida.....	6,308	1,536	173,559	692,761	1,422,329	1,434,445	128,798
East South Central.....	13,661	4,415	783,451	3,079,005	6,354,461	6,293,008	444,013
Kentucky.....	2,864	950	163,751	727,580	1,380,268	1,381,218	179,537
Tennessee.....	4,472	1,532	280,330	1,754,407	2,175,637	2,196,180	143,245
Alabama.....	3,923	1,204	229,998	919,016	1,741,392	1,752,704	133,486
Mississippi.....	2,432	749	109,372	557,002	636,774	645,346	57,741
West South Central.....	13,475	5,294	798,465	3,66,193	7,742,149	7,500,247	663,449
Arkansas.....	2,563	669	98,266	289,800	275,777	280,408	45,261
Louisiana.....	3,133	942	137,124	621,742	1,420,836	1,430,588	104,773
Oklahoma.....	2,387	574	92,933	454,140	716,111	718,411	61,540
Texas.....	10,372	3,109	460,142	2,294,981	5,360,588	5,099,487	591,037
Mountain.....	7,569	1,767	235,566	1,191,040	2,299,185	2,350,140	188,062
Montana.....	917	173	20,095	93,754	180,638	180,164	19,504
Idaho.....	1,462	244	27,011	127,714	246,779	246,645	10,140
Wyoming.....	330	57	6,446	31,674	60,322	60,322	6,340
Colorado.....	2,237	540	78,157	407,026	761,334	750,457	45,400
New Mexico.....	664	152	20,278	104,215	200,117	200,117	15,500
Arizona.....	1,161	259	40,756	215,922	393,742	374,772	26,669
Utah.....	998	297	37,204	184,465	404,600	425,206	29,347
Nevada.....	202	45	4,979	26,066	69,307	69,307	5,106
Pacific.....	38,475	10,217	1,345,444	8,671,533	15,260,280	15,300,000	1,440,600
Washington.....	5,062	1,171	216,000	1,179,459	2,171,777	2,146,601	114,244
Oregon.....	5,002	1,158	134,400	645,284	1,210,224	1,200,100	111,327
California.....	28,390	7,886	1,215,784	6,846,825	11,912,504	11,953,299	1,215,030

GROUP 20

GROUP 21

GROUP 22

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954  
(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALABAMA, TOTAL <sup>1</sup> .....	<sup>2</sup> 3,923	<sup>2</sup> 1,204	229,998	919,016	1,741,992	1,755,724	133,488	220,077	1,319,192
20	Food and kindred products.....	534	192	19,340	67,274	144,542	145,691	11,479	16,073	95,528
22	Textile mill products.....	117	102	39,536	110,814	180,789	178,155	7,244	46,440	166,535
23	Apparel and related products.....	149	110	22,481	51,800	93,955	95,175	1,686	18,351	64,397
24	Lumber and wood products.....	1,588	261	23,287	49,225	75,583	76,171	8,216	28,386	86,629
25	Furniture and fixtures.....	121	39	3,061	9,661	17,012	16,975	1,585	1,981	8,404
26	Pulp, paper and products.....	33	24	9,965	52,575	114,730	115,067	15,085	8,668	77,069
27	Printing and publishing.....	290	40	5,214	22,490	44,449	44,716	1,808	4,769	35,296
28	Chemicals and products.....	163	73	8,600	40,026	136,530	138,586	14,962	7,410	82,930
29	Petroleum and coal products.....	27	9	783	3,451	8,683	9,545	1,421	843	10,674
32	Stone, clay, and glass products <sup>3</sup> .....	242	89	8,294	33,235	80,466	81,594	10,036	7,310	59,171
33	Primary metal industries.....	91	70	37,410	214,775	436,475	452,077	44,864	39,918	369,292
34	Fabricated metal products.....	201	78	10,613	50,554	90,441	92,014	8,887	8,716	68,191
35	Machinery, except electrical <sup>3</sup> .....	166	44	6,865	31,660	50,499	49,766	3,413	5,983	35,110
36	Electrical machinery.....	25	12	3,763	14,970	32,585	33,134	477	2,598	19,541
37	Transportation equipment.....	68	23	17,229	87,433	112,309	103,716	2,093	11,029	56,872
39	Miscellaneous manufactures (Including Ordnance).....	82	26	2,980	15,945	23,490	23,487	1,286	2,272	13,466
--	Administrative and auxiliary <sup>4</sup> .....	...	...	4,270	31,009	...	...	...	2,993	...
	ARIZONA, TOTAL <sup>1</sup> .....	<sup>2</sup> 1,161	<sup>2</sup> 559	40,756	215,922	359,742	374,379	26,718	26,269	192,497
20	Food and kindred products.....	211	62	5,249	24,304	51,445	52,920	3,338	4,523	38,385
23	Apparel and related products.....	68	20	1,748	4,747	8,172	8,147	175	785	3,641
24	Lumber and wood products.....	96	25	2,798	11,768	16,148	15,536	1,370	2,647	14,702
25	Furniture and fixtures.....	63	12	754	2,944	4,000	4,481	211	337	1,991
27	Printing and publishing.....	184	22	2,841	12,847	26,135	26,323	2,593	2,196	16,646
28	Chemicals and products.....	44	14	1,154	6,004	10,348	12,251	673	1,333	15,669
32	Stone, clay, and glass products <sup>3</sup> .....	106	27	2,104	10,998	24,787	25,350	2,286	1,005	8,480
33	Primary metal industries.....	21	12	4,978	26,991	43,351	47,148	(D)	4,393	36,266
34	Fabricated metal products.....	76	16	1,734	8,701	13,171	12,783	765	1,150	5,514
35	Machinery, except electrical <sup>3</sup> .....	115	17	2,795	16,558	16,232	18,697	3,552	1,328	7,600
37	Transportation equipment.....	35	12	10,525	67,844	116,004	118,687	909	5,881	40,751
39	Miscellaneous manufactures (including Ordnance).....	66	9	871	3,196	4,996	5,037	556	336	1,827
--	Administrative and auxiliary <sup>4</sup> .....	...	...	199	1,245	...	...	...	120	...
	ARKANSAS, TOTAL <sup>1</sup> .....	<sup>2</sup> 2,583	<sup>4</sup> 669	88,266	289,288	575,970	583,860	45,981	79,196	457,047
20	Food and kindred products.....	463	158	14,290	43,091	89,502	93,202	5,375	12,788	75,312
22	Textile mill products.....	16	13	2,215	5,895	10,919	10,889	653	2,258	7,100
23	Apparel and related products.....	59	43	7,822	17,048	25,532	25,871	310	5,250	14,381
24	Lumber and wood products.....	1,142	188	21,160	51,630	79,297	78,579	6,980	21,768	71,468
25	Furniture and fixtures.....	105	47	6,907	20,585	29,274	29,698	1,234	4,856	19,014
26	Pulp, paper and products.....	23	20	5,190	26,973	64,846	65,267	9,575	3,965	48,705
27	Printing and publishing.....	217	26	2,961	11,781	19,506	20,348	2,193	2,759	15,759
28	Chemicals and products.....	65	31	4,309	22,147	56,086	57,036	4,719	5,191	62,888
29	Petroleum and coal products.....	19	12	1,581	8,888	21,313	20,897	5,222	1,430	19,749
31	Leather and leather goods.....	14	13	3,947	9,156	20,739	20,663	404	3,626	16,301
32	Stone, clay, and glass products <sup>3</sup> .....	111	29	3,419	13,676	31,988	31,313	2,213	2,694	18,678
33	Primary metal industries.....	20	10	2,308	13,636	34,827	34,821	644	2,617	29,597
34	Fabricated metal products.....	89	29	2,391	9,449	16,105	16,802	1,972	1,885	9,981
35	Machinery, except electrical <sup>3</sup> .....	109	10	1,329	5,189	11,955	11,330	738	600	6,378
36	Electrical machinery.....	17	11	2,896	10,485	27,334	28,972	1,132	1,652	15,623
37	Transportation equipment.....	35	11	1,029	3,323	5,767	5,996	461	473	2,284
--	Administrative and auxiliary <sup>4</sup> .....	...	...	825	4,897	...	...	...	661	...

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUP: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954	
		Establishments, number		All employees		Value added by manufacture		Capital expenditures, \$	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	(\$1,000)	Unadjusted (\$1,000)
	CALIFORNIA, TOTAL <sup>1</sup> .....	28,390	27,888	1,215,084	6,846,825	11,912,924	12,025,396	738,441	1,052,785
20	Food and kindred products.....	3,077	1,220	156,301	755,941	1,831,790	1,888,944	96,263	143,998
22	Textile mill products.....	222	85	5,713	24,241	52,361	52,499	1,918	5,368
23	Apparel and related products.....	2,280	799	57,899	189,248	349,218	351,188	9,299	55,481
24	Lumber and wood products.....	2,331	546	51,943	247,688	399,911	403,554	34,329	55,735
25	Furniture and fixtures.....	1,494	361	27,904	133,573	213,580	219,462	7,915	22,411
26	Pulp, paper and products.....	395	205	24,539	128,771	256,394	261,454	26,799	20,703
27	Printing and publishing.....	3,114	521	63,573	346,986	585,526	588,035	29,833	52,682
28	Chemicals and products.....	1,260	345	35,806	205,180	603,849	630,910	63,345	31,979
29	Petroleum and coal products.....	178	66	20,645	129,248	373,152	314,946	65,495	20,155
30	Rubber products.....	170	78	15,247	83,429	169,334	174,915	7,978	16,381
32	Stone, clay, and glass products <sup>2</sup> .....	1,433	388	41,611	213,967	475,796	479,328	39,975	33,115
33	Primary metal industries.....	651	276	43,432	250,974	465,027	469,599	90,417	28,444
34	Fabricated metal products.....	2,963	856	87,964	481,949	867,752	849,158	47,851	72,131
35	Machinery, except electrical <sup>3</sup> .....	3,996	728	84,581	494,745	800,967	826,069	50,720	68,448
36	Electrical machinery.....	1,106	418	81,121	451,258	755,344	752,951	37,537	52,727
37	Transportation equipment.....	1,326	468	308,836	2,040,212	2,979,482	3,008,324	99,476	272,843
38	Instruments and related products.....	469	129	18,366	103,650	185,494	191,724	6,835	13,381
39	Miscellaneous manufactures (including Ordnance).....	1,695	336	54,730	312,261	511,365	525,204	22,349	45,077
--	Administrative and auxiliary <sup>4</sup> .....	...	...	28,973	231,255	...	...	...	21,661
	COLORADO, TOTAL <sup>1</sup> .....	22,237	22,400	78,157	407,026	761,954	785,337	45,398	64,446
20	Food and kindred products.....	488	165	17,598	80,188	168,067	174,347	10,016	16,641
23	Apparel and related products.....	65	22	1,513	5,113	7,634	8,576	158	1,880
24	Lumber and wood products.....	252	28	2,714	9,378	12,651	13,183	2,946	2,912
25	Furniture and fixtures.....	75	13	1,189	5,084	8,116	8,592	162	876
26	Pulp, paper and products.....	25	14	843	4,235	8,668	8,871	1,002	701
27	Printing and publishing.....	385	50	7,009	32,891	53,251	54,563	2,679	5,927
28	Chemicals and products.....	100	22	2,166	10,960	33,491	35,736	1,251	3,145
29	Petroleum and coal products.....	20	10	808	4,947	15,063	14,127	3,058	575
32	Stone, clay, and glass products <sup>2</sup> .....	178	45	4,432	20,600	46,568	46,805	3,650	32,782
34	Fabricated metal products.....	159	44	3,548	18,101	29,584	32,633	1,553	2,729
35	Machinery, except electrical <sup>3</sup> .....	181	45	5,407	28,259	55,087	57,021	3,437	4,523
36	Electrical machinery.....	40	14	1,858	8,012	13,334	15,747	535	871
37	Transportation equipment.....	36	12	7,904	54,597	96,858	96,783	4,167	863
38	Instruments and related products.....	26	5	407	1,989	3,333	3,443	94	177
39	Miscellaneous manufactures (including Ordnance).....	139	28	3,455	17,732	36,380	37,962	472	2,812
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,904	13,535	...	...	...	1,405
	CONNECTICUT, TOTAL <sup>1</sup> .....	25,261	21,882	394,646	1,962,593	3,219,770	3,185,015	198,586	48,414
20	Food and kindred products.....	487	141	12,979	60,127	129,207	136,822	5,860	12,760
22	Textile mill products.....	200	123	18,827	73,260	120,448	114,552	3,736	26,897
23	Apparel and related products.....	325	193	15,067	44,614	80,891	82,770	2,349	17,467
24	Lumber and wood products.....	154	26	1,538	6,513	8,825	9,412	705	1,604
25	Furniture and fixtures.....	135	38	3,412	14,642	25,369	25,100	651	2,632
26	Pulp, paper and products.....	106	59	7,930	40,825	68,795	68,333	23,730	8,586
27	Printing and publishing.....	500	131	14,278	74,280	112,596	113,997	7,015	13,711
28	Chemicals and products.....	171	39	9,058	50,146	127,113	132,114	16,288	9,528
29	Petroleum and coal products.....	21	4	299	1,787	3,750	3,323	245	263
30	Rubber products.....	46	31	11,609	58,841	103,667	110,060	5,837	13,018
31	Leather and leather goods.....	43	25	2,606	8,460	12,037	...	181	2,500
32	Stone, clay, and glass products <sup>2</sup> .....	196	59	6,055	30,694	51,389	53,430	4,386	32,683
33	Primary metal industries.....	206	103	24,796	134,326	230,490	237,801	19,643	27,892
34	Fabricated metal products.....	811	267	44,090	196,348	311,284	306,081	20,554	44,296
35	Machinery, except electrical <sup>3</sup> .....	999	235	66,997	338,038	575,743	553,289	33,057	72,836
36	Electrical machinery.....	247	135	29,519	137,984	288,086	279,719	6,039	33,420
37	Transportation equipment.....	151	56	70,576	398,682	619,986	581,507	29,620	63,568
38	Instruments and related products.....	107	59	17,529	80,537	126,223	126,071	4,719	17,788
--	Administrative and auxiliary <sup>4</sup> .....	...	...	12,503	82,667	...	...	...	6,841

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22



## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954--Continued

(See text for explanation of column captions)

		1958						1954		
Code	Major industry group	Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	DELAWARE, TOTAL <sup>1</sup> .....	<sup>2</sup> 553	<sup>2</sup> 222	58,236	349,832	417,371	415,327	27,163	54,530	353,083
20	Food and kindred products.....	138	68	6,117	21,174	45,207	46,566	3,352	6,065	37,509
22	Textile mill products.....	20	11	2,565	10,464	13,767	13,236	545	2,657	16,245
23	Apparel and related products.....	28	17	3,308	11,313	29,620	30,101	90	3,265	22,037
24	Lumber and wood products.....	54	13	933	2,267	3,247	3,314	490	1,000	3,465
26	Pulp, paper and products.....	8	6	634	3,007	5,837	5,550	464	832	8,241
27	Printing and publishing.....	50	10	1,276	7,051	10,734	10,688	318	1,323	8,929
28	Chemicals and products.....	38	16	5,911	34,393	99,241	95,633	9,190	6,007	101,706
31	Leather and leather goods.....	13	10	2,090	8,220	14,418	13,028	256	1,994	12,025
32	Stone, clay, and glass products <sup>3</sup> .....	41	13	720	2,997	7,161	7,255	447	522	3,213
33	Primary metal industries.....	8	7	2,924	15,863	22,115	20,957	2,936	2,951	25,287
34	Fabricated metal products.....	41	12	1,706	8,717	16,681	16,128	472	1,328	8,797
35	Machinery, except electrical <sup>4</sup> .....	50	17	2,902	16,890	20,208	17,390	1,233	2,814	14,868
--	Administrative and auxiliary <sup>4</sup> .....	...	...	17,613	156,904	...	...	...	15,112	...
	DISTRICT OF COLUMBIA, TOTAL <sup>1</sup> s ...	<sup>2</sup> 508	<sup>2</sup> 145	21,242	113,505	193,144	197,642	14,207	*20,706	157,213
20	Food and kindred products.....	70	40	5,510	27,773	52,156	53,203	2,810	6,647	50,377
27	Printing and publishing.....	276	67	12,131	66,746	115,778	116,962	9,808	10,837	83,559
32	Stone, clay, and glass products <sup>3</sup> .....	16	9	678	3,226	5,847	7,039	564	243	1,557
--	Administrative and auxiliary <sup>4</sup> .....	...	...	408	3,718	...	...	...	*342	...
	FLORIDA, TOTAL <sup>1</sup> .....	<sup>2</sup> 6,308	<sup>2</sup> 1,536	173,539	692,761	1,422,329	1,456,945	128,798	123,958	797,721
20	Food and kindred products.....	888	331	36,248	130,243	331,592	335,554	18,497	30,391	212,319
21	Tobacco manufactures.....	57	28	7,668	20,709	44,341	44,325	757	8,959	33,730
22	Textile mill products.....	35	13	907	2,780	5,208	5,216	226	471	1,923
23	Apparel and related products.....	331	97	6,652	18,209	31,311	31,391	1,666	5,847	19,869
24	Lumber and wood products.....	966	160	13,683	36,329	55,461	57,896	7,068	16,033	56,866
25	Furniture and fixtures.....	444	102	7,487	25,225	40,277	41,112	3,225	4,696	23,197
26	Pulp, paper and products.....	87	51	13,342	64,960	156,902	159,943	30,276	11,622	139,238
27	Printing and publishing.....	760	102	12,770	58,605	102,949	103,240	8,760	9,420	62,710
28	Chemicals and coal products.....	307	83	14,741	66,645	236,053	241,487	9,779	9,449	80,684
29	Petroleum and coal products.....	39	12	701	3,239	6,314	6,405	619	284	2,429
31	Leather and leather goods.....	34	10	888	2,796	4,605	4,902	119	504	2,400
32	Stone, clay, and glass products <sup>3</sup> .....	596	174	12,791	48,498	103,329	108,231	18,933	5,325	36,843
33	Primary metal industries.....	54	18	1,467	5,932	12,193	11,431	958	805	4,974
34	Fabricated metal products.....	546	141	13,618	57,232	99,678	105,000	8,088	7,510	56,085
35	Machinery, except electrical <sup>3</sup> .....	370	57	4,733	17,702	29,938	30,122	2,729	2,648	18,199
36	Electrical machinery.....	97	29	4,750	21,697	36,195	36,228	4,543	906	4,417
37	Transportation equipment.....	285	72	9,426	40,634	52,252	53,139	4,232	5,712	29,395
39	Miscellaneous manufactures (Including Ordnance).....	360	44	6,318	35,183	69,254	78,225	7,787	2,211	10,059
--	Administrative and auxiliary <sup>4</sup> .....	...	...	4,438	32,948	...	...	...	590	...
	GEORGIA, TOTAL <sup>1</sup> .....	<sup>2</sup> 5,776	<sup>2</sup> 1,851	315,603	1,078,270	2,113,599	2,128,683	194,837	303,278	1,592,411
20	Food and kindred products.....	866	317	41,016	134,884	335,534	343,649	31,765	34,595	263,797
22	Textile mill products.....	338	266	94,660	266,717	458,554	451,136	27,659	103,079	379,814
23	Apparel and related products.....	351	254	40,445	103,792	195,228	196,520	4,565	36,552	119,209
24	Lumber and wood products.....	2,012	279	26,229	56,612	91,064	92,965	11,264	32,329	101,530
25	Furniture and fixtures.....	185	60	6,377	22,711	38,264	39,000	1,230	6,994	33,079
26	Pulp, paper and products.....	79	60	16,841	80,810	227,600	227,969	14,362	13,803	155,088
27	Printing and publishing.....	512	94	9,689	44,982	77,276	77,750	6,803	7,964	56,213
28	Chemicals and products.....	289	124	10,572	45,413	126,126	131,263	13,146	10,084	79,500
29	Petroleum and coal products.....	21	7	646	3,112	6,498	7,278	575	517	5,690
30	Rubber products.....	25	12	795	2,732	7,031	6,889	473	470	5,134
31	Leather and leather goods.....	26	18	3,504	9,346	15,055	15,247	281	2,465	11,406
32	Stone, clay, and glass products <sup>3</sup> .....	319	98	9,750	34,289	72,424	72,844	7,686	7,175	42,244
33	Primary metal industries.....	46	20	2,944	12,629	14,555	14,315	890	2,657	14,582
34	Fabricated metal products.....	268	71	7,139	28,555	51,446	50,087	3,229	5,504	29,787
35	Machinery, except electrical <sup>3</sup> .....	265	52	8,577	36,850	73,970	71,340	2,243	7,162	43,917
36	Electrical machinery.....	33	18	3,356	17,796	37,855	38,354	1,009	2,415	17,806
37	Transportation equipment.....	61	21	24,314	144,802	245,476	246,434	25,501	22,725	207,277
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,808	12,622	...	...	...	1,899	...

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 1.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUP

(See text for explanation of column captions.)

Code	Major industry group	1950								
		Establishments, number		All employees		Value added by manufacture		Capital expenditures, new	Average employees, number	Value added by manufacture, unadjusted
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	MAHO, TOTAL <sup>1</sup> .....	21,062	2,244	27,601	127,714	246,279	246,041	18,128	13,182	1,178,180
20	Food and kindred products.....	232	86	7,856	28,191	72,311	72,311	6,827	6,140	46,111
22	Textile mill products.....	476	89	10,287	47,342	70,048	70,048	6,136	11,000	81,247
27	Printing and publishing.....	105	13	1,321	5,865	10,478	10,478	597	471	2,923
28	Chemicals and products.....	21	6	2,359	15,934	42,123	42,123	597	471	2,923
32	Stone, clay, and glass products <sup>3</sup> .....	63	16	959	4,227	9,408	9,408	597	471	2,923
34	Fabricated metal products.....	21	7	567	2,980	3,028	3,028	185	409	1,637
35	Machinery, except electrical <sup>3</sup> .....	59	9	846	5,973	8,315	8,479	524	222	1,408
39	Miscellaneous manufactures (including Ordnance).....	27	4	405	1,203	2,159	2,151	165	271	1,467
--	Administrative and auxiliary <sup>4</sup> .....	...	...	303	1,879	...	...	...	173	...
	ILLINOIS, TOTAL <sup>1</sup> .....	21,115	2,600	1,188,895	6,207,059	11,552,558	11,477,853	702,999	1,222,428	9,663,848
20	Food and kindred products.....	2,155	824	128,814	648,033	1,582,681	1,630,351	76,370	140,151	1,337,344
22	Textile mill products.....	104	55	3,167	15,121	62,458	61,366	2,146	10,080	61,885
23	Apparel and related products.....	1,004	421	44,202	147,109	244,378	246,166	3,710	50,817	232,526
24	Lumber and wood products.....	658	134	11,689	49,079	73,581	73,581	2,450	12,495	69,020
25	Furniture and fixtures.....	652	234	25,558	116,380	190,199	194,240	6,279	27,363	179,575
26	Pulp, paper and products.....	443	252	32,183	160,310	278,788	282,473	22,617	30,760	229,403
27	Printing and publishing.....	2,850	700	94,163	535,010	904,418	908,644	45,380	93,944	756,506
28	Chemicals and products.....	911	340	49,955	275,426	868,058	897,510	65,641	50,403	663,699
29	Petroleum and coal products.....	99	53	14,151	86,392	211,211	208,920	50,266	14,990	204,796
31	Leather and leather goods.....	192	90	18,893	62,295	116,089	115,960	1,875	21,871	116,627
32	Stone, clay, and glass products <sup>3</sup> .....	834	256	37,786	193,168	400,409	413,031	25,918	32,684	286,778
33	Primary metal industries.....	535	311	84,404	496,332	804,651	827,682	122,853	94,344	837,486
34	Fabricated metal products.....	2,451	931	127,257	675,251	1,173,655	1,187,061	78,125	118,663	934,353
35	Machinery, except electrical <sup>3</sup> .....	2,632	814	191,884	1,040,649	1,987,940	1,957,598	94,666	202,167	1,449,787
36	Electrical machinery.....	761	409	144,675	700,660	1,247,393	1,276,066	56,083	137,228	1,015,075
37	Transportation equipment.....	248	124	45,154	256,616	666,261	526,726	17,395	50,986	475,528
38	Instruments and related products.....	325	128	30,701	151,541	287,031	305,523	8,956	31,879	234,404
39	Miscellaneous manufactures (including Ordnance).....	1,163	420	45,329	207,341	396,702	403,495	18,457	49,577	339,335
--	Administrative and auxiliary <sup>4</sup> .....	...	...	47,389	339,612	...	...	...	45,385	...
	DELAWARE, TOTAL <sup>1</sup> .....	26,575	2,445	552,287	2,877,875	5,490,129	5,461,542	490,590	588,343	4,631,972
20	Food and kindred products.....	1,051	409	47,054	219,018	472,932	487,345	27,633	48,543	391,400
22	Textile mill products.....	14	9	1,484	5,426	11,912	12,742	343	3,701	13,684
23	Apparel and related products.....	178	99	12,754	34,754	58,289	58,739	888	15,558	60,167
24	Lumber and wood products.....	496	97	9,472	36,835	69,603	70,137	3,306	10,789	59,078
25	Furniture and fixtures.....	287	161	19,433	77,657	129,254	130,864	5,155	22,117	118,467
26	Pulp, paper and products.....	104	82	11,099	51,248	105,78	107,452	9,522	9,483	67,408
27	Printing and publishing.....	832	171	19,929	95,972	156,552	158,621	14,948	18,010	125,331
28	Chemicals and products.....	261	87	23,423	142,914	498,778	506,971	38,801	26,298	343,491
29	Petroleum and coal products.....	40	17	9,935	64,292	110,343	110,689	35,963	11,532	132,254
31	Leather and leather goods.....	25	14	2,549	8,208	15,884	15,627	266	2,556	10,762
32	Stone, clay, and glass products <sup>3</sup> .....	536	179	27,040	126,421	252,507	256,922	22,911	23,926	179,295
33	Primary metal industries.....	242	147	87,000	520,634	1,035,679	1,037,953	206,048	90,778	805,239
34	Fabricated metal products.....	682	269	42,024	215,771	375,560	368,404	15,429	40,941	299,290
35	Machinery, except electrical <sup>3</sup> .....	982	286	58,905	311,408	579,776	593,776	37,294	61,143	480,184
36	Electrical machinery.....	182	109	64,188	317,248	584,691	585,694	22,864	68,604	550,428
37	Transportation equipment.....	251	160	78,909	449,277	776,473	744,111	38,541	92,445	734,346
38	Instruments and related products.....	57	17	3,335	14,885	30,589	30,584	755	2,837	23,257
39	Miscellaneous manufactures (including Ordnance).....	302	103	15,150	74,232	116,021	113,143	7,414	20,157	126,779
--	Administrative and auxiliary <sup>4</sup> .....	...	...	6,193	42,089	...	...	...	...	...

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22



## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	IOWA, TOTAL <sup>1</sup> .....	23,578	2952	166,443	813,463	1,592,553	1,681,388	100,449	163,954	1,235,965
20	Food and kindred products.....	1,028	286	51,874	254,326	498,425	508,724	29,977	51,270	361,180
23	Apparel and related products.....	72	43	3,913	11,281	17,487	17,959	593	3,975	12,541
24	Lumber and wood products.....	192	27	4,709	19,206	30,590	30,196	1,400	5,647	27,791
25	Furniture and fixtures.....	90	23	2,701	12,137	19,169	20,104	589	2,362	14,604
26	Pulp, paper and products.....	35	27	2,417	11,752	30,991	31,103	1,349	2,128	20,140
27	Printing and publishing.....	650	91	11,177	50,843	102,205	103,549	9,566	11,393	85,727
28	Chemicals and products.....	168	54	6,013	32,003	118,850	121,250	9,231	6,039	76,977
31	Leather and leather goods.....	10	3	290	686	963	958	28	580	1,893
32	Stone, clay, and glass products <sup>2</sup> .....	295	54	5,892	27,065	82,484	82,861	10,380	5,381	54,229
33	Primary metal industries.....	69	32	5,129	27,665	60,090	60,376	2,352	5,570	53,272
34	Fabricated metal products.....	212	66	6,824	33,918	68,770	70,779	3,370	6,007	49,238
35	Machinery, except electrical <sup>3</sup> .....	415	138	38,318	202,337	395,955	397,076	16,786	33,305	247,343
36	Electrical machinery.....	60	30	9,784	43,269	88,790	93,686	4,923	9,162	57,841
37	Transportation equipment.....	67	27	3,790	19,764	33,234	30,164	1,338	4,705	29,797
38	Instruments and related products.....	19	5	1,709	8,338	12,567	11,851	303	2,044	16,850
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,477	10,180	...	...	...	1,249	...
	KANSAS, TOTAL <sup>1</sup> .....	22,280	2645	119,063	588,594	1,163,955	1,172,682	77,657	131,432	1,049,291
20	Food and kindred products.....	589	188	21,789	99,250	208,392	210,303	11,836	23,451	173,989
23	Apparel and related products.....	66	30	2,723	7,196	12,329	12,342	265	2,406	8,593
24	Lumber and wood products.....	79	9	744	3,043	4,869	5,027	163	6,174	31,017
25	Furniture and fixtures.....	48	12	1,130	4,474	8,931	9,010	362	718	5,095
26	Pulp, paper and products.....	22	14	2,074	10,095	17,990	17,813	1,521	1,860	16,605
27	Printing and publishing.....	475	70	17,353	30,893	51,841	52,147	7,893	54,265	109,561
28	Chemicals and products.....	111	41	6,103	34,086	122,494	126,021	11,625	9,407	109,561
29	Petroleum and coal products.....	26	16	4,448	26,883	72,726	74,627	24,373	4,343	51,096
32	Stone, clay, and glass products <sup>3</sup> .....	168	52	6,088	28,350	75,579	76,074	7,385	5,296	56,053
33	Primary metal industries.....	40	19	1,880	8,165	11,537	12,154	1,345	891	5,280
34	Fabricated metal products.....	153	55	5,395	26,488	45,937	46,074	2,600	5,771	42,891
35	Machinery, except electrical <sup>2</sup> .....	292	76	9,014	41,973	74,405	72,950	4,171	8,224	62,994
37	Transportation equipment.....	75	31	44,759	245,499	396,342	397,236	2,851	54,644	413,316
38	Instruments and related products.....	9	3	270	1,131	1,839	1,890	38	121	739
39	Miscellaneous manufactures (including Ordnance).....	87	14	1,061	4,326	7,823	8,190	317	2,312	13,115
--	Administrative and auxiliary <sup>4</sup> .....	...	...	476	2,373	...	...	...	415	...
	KENTUCKY, TOTAL <sup>1</sup> .....	22,864	2930	163,751	727,580	1,800,368	1,801,218	109,539	151,113	1,236,260
20	Food and kindred products.....	559	244	26,565	118,930	363,181	370,547	17,925	26,403	299,389
21	Tobacco manufactures.....	43	30	11,608	48,334	237,361	234,811	9,380	10,401	164,223
22	Textile mill products.....	19	13	2,874	8,257	12,134	11,982	958	3,690	17,310
23	Apparel and related products.....	107	83	17,939	45,914	73,707	74,372	1,179	17,013	56,661
24	Lumber and wood products.....	724	104	8,871	24,381	38,495	39,274	2,731	8,374	31,017
25	Furniture and fixtures.....	113	47	4,761	17,601	28,705	28,306	1,057	4,997	23,235
26	Pulp, paper and products.....	30	20	2,016	7,442	13,039	13,829	3,634	1,134	7,143
27	Printing and publishing.....	358	66	8,018	39,639	61,148	61,592	3,960	7,100	46,611
28	Chemicals and products.....	107	49	10,039	59,855	201,485	209,120	20,045	9,653	143,673
29	Petroleum and coal products.....	21	6	1,063	6,471	22,519	26,701	1,743	1,166	14,243
31	Leather and leather goods.....	16	10	2,282	6,512	13,530	13,335	144	2,516	12,930
32	Stone, clay, and glass products <sup>2</sup> .....	210	44	5,587	23,219	46,355	47,525	4,619	4,589	31,237
33	Primary metal industries.....	29	19	6,972	43,459	85,307	85,489	13,654	6,611	67,422
34	Fabricated metal products.....	172	74	12,679	60,533	100,541	105,896	6,620	12,824	94,354
35	Machinery, except electrical <sup>3</sup> .....	183	52	22,380	119,289	312,801	294,657	16,928	13,852	120,612
36	Electrical machinery.....	39	23	8,182	35,028	88,915	89,698	3,097	8,860	54,704
37	Transportation equipment.....	30	17	4,860	25,233	79,239	71,881	992	3,171	30,324
38	Instruments and related products.....	12	4	333	1,219	2,227	2,181	109	1,084	4,918
--	Administrative and auxiliary <sup>4</sup> .....	...	...	4,330	26,871	...	...	...	4,679	...
	LOUISIANA, TOTAL <sup>1</sup> .....	23,133	2942	137,124	621,742	1,420,396	1,438,528	164,703	*145,244	1,181,649
20	Food and kindred products.....	734	315	29,816	110,349	259,210	269,067	15,209	30,734	214,983
23	Apparel and related products.....	75	37	5,567	14,292	23,260	23,273	672	6,179	20,568
24	Lumber and wood products.....	772	165	17,048	44,291	65,487	66,967	7,634	19,697	68,290
25	Furniture and fixtures.....	87	22	1,406	4,474	7,400	7,493	204	1,373	6,141
26	Pulp, paper and products.....	45	38	16,889	85,293	186,908	187,833	12,396	17,099	163,187
27	Printing and publishing.....	351	48	5,314	23,452	47,524	46,833	1,681	4,736	34,971
28	Chemicals and products.....	191	85	17,133	100,469	315,866	321,761	56,137	17,479	250,238
29	Petroleum and coal products.....	39	25	14,280	94,217	211,832	207,968	58,354	14,043	188,438
32	Stone, clay, and glass products <sup>3</sup> .....	194	56	6,324	28,998	68,844	69,422	5,218	4,824	40,856
33	Primary metal industries.....	26	11	3,529	22,226	89,836	84,389	742	3,886	47,014
34	Fabricated metal products.....	170	40	5,806	29,758	48,563	51,372	2,040	4,875	35,162
35	Machinery, except electrical <sup>3</sup> .....	200	38	3,319	15,610	24,632	26,710	1,885	2,730	15,662
37	Transportation equipment.....	108	34	6,835	33,564	48,301	48,514	1,694	9,337	50,963
--	Administrative and auxiliary <sup>4</sup> .....	...	...	572	3,373	...	...	...	*487	...

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 1.-GENERAL STATISTICS FOR THE STATE BY MAJOR INDUSTRY GROUPS: 1958

(See text for explanation of column captions.)

Code	Major industry group	1958						1957	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	Value added by manufac- ture,
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad- justed (\$1,000)	Ad- justed (\$1,000)	(\$1,000)	All employees, number
	MAINE, TOTAL <sup>1</sup> .....	22,742	2,580	92,264	376,465	643,260	638,035	41,605	104,507
20	Food and kindred products.....	763	121	11,797	37,610	34,242	37,220	4,610	10,955
22	Textile mill products.....	77	58	13,884	44,062	70,837	66,305	2,966	19,241
23	Apparel and related products.....	42	22	3,102	5,601	13,940	13,452	153	2,922
24	Lumber and wood products.....	1,520	136	12,926	28,379	53,120	58,635	5,915	17,622
25	Furniture and fixtures.....	35	10	327	2,821	4,687	4,794	174	724
26	Pulp, paper and products.....	44	33	17,019	26,305	186,751	180,337	22,226	27,330
28	Chemicals and products.....	40	10	813	3,058	9,512	8,048	389	576
31	Leather and leather goods.....	114	82	21,431	68,079	99,855	100,457	1,546	19,754
32	Stone, clay, and glass products <sup>3</sup> .....	54	15	1,070	4,327	9,795	10,202	726	6,165
33	Fabricated metal products.....	51	16	1,610	7,358	13,825	14,113	608	2,450
35	Machinery, except electrical <sup>3</sup> .....	73	15	3,364	17,121	19,404	18,050	1,197	2,556
37	Transportation equipment.....	80	16	4,765	22,233	32,645	40,581	1,041	2,756
--	Administrative and auxiliary <sup>4</sup> .....	..	..	473	3,476	..	..	..	402
	MARYLAND, TOTAL <sup>1</sup> .....	43,431	2,134	259,205	1,254,813	2,347,211	2,361,177	120,270	255,452
20	Food and kindred products.....	665	320	35,500	140,535	311,056	320,493	14,073	37,755
22	Textile mill products.....	40	26	3,984	13,432	21,640	21,564	726	4,135
23	Apparel and related products.....	352	201	21,899	67,388	118,594	119,382	1,739	24,043
24	Lumber and wood products.....	370	68	5,154	15,614	23,732	24,405	1,452	4,854
25	Furniture and fixtures.....	124	48	4,827	17,255	29,663	30,182	557	4,299
26	Pulp, paper and products.....	63	47	8,938	44,125	72,342	74,132	15,419	7,642
27	Printing and publishing.....	438	102	12,072	58,646	98,635	99,328	3,286	10,719
28	Chemicals and products.....	204	95	12,953	61,442	132,930	134,105	12,724	14,673
29	Petroleum and coal products.....	28	12	1,264	7,127	19,194	19,251	1,730	2,373
30	Rubber products.....	17	15	6,965	31,235	60,536	62,428	5,160	6,280
31	Leather and leather goods.....	21	16	2,474	7,542	10,250	10,335	132	2,623
32	Stone, clay, and glass products <sup>3</sup> .....	201	67	8,505	41,290	91,543	93,492	7,080	58,304
33	Primary metal industries.....	45	25	35,883	209,201	430,639	428,033	22,600	33,083
34	Fabricated metal products.....	267	99	15,134	77,255	137,872	142,843	6,188	17,137
35	Machinery, except electrical <sup>3</sup> .....	216	59	10,754	54,214	104,728	105,680	4,859	11,421
36	Electrical machinery.....	67	33	15,642	91,622	142,875	143,923	5,439	12,929
37	Transportation equipment.....	126	40	43,734	245,425	389,891	380,069	12,359	41,262
38	Instruments and related products.....	39	10	1,978	9,509	14,714	15,012	2,195	1,592
--	Administrative and auxiliary <sup>4</sup> .....	..	..	2,188	13,419	..	..	..	2,308
	MASSACHUSETTS, TOTAL.....	21,415	2,474	678,910	3,035,745	5,093,000	5,099,271	225,076	685,647
20	Food and kindred products.....	1,332	428	48,149	204,117	381,334	400,689	19,617	48,658
21	Tobacco manufactures.....	12	2	274	740	1,556	1,531	2	350
22	Textile mill products.....	534	327	53,876	200,275	335,598	324,446	11,727	70,031
23	Apparel and related products.....	1,247	675	59,181	177,241	289,654	291,128	6,407	58,897
24	Lumber and wood products.....	442	74	5,800	22,929	35,133	35,770	1,036	6,000
25	Furniture and fixtures.....	403	144	11,078	43,672	70,069	70,120	1,799	12,780
26	Pulp, paper and products.....	373	236	34,956	163,342	283,540	288,366	16,790	34,321
27	Printing and publishing.....	1,266	288	37,026	182,494	314,768	317,667	23,294	36,360
28	Chemicals and products.....	470	142	16,110	86,349	229,311	228,937	17,173	15,587
29	Petroleum and coal products.....	41	13	1,586	9,306	19,268	18,495	1,209	1,583
30	Rubber products.....	101	61	23,560	114,396	204,605	209,080	7,165	24,634
31	Leather and leather goods.....	746	404	60,684	211,938	331,329	336,402	6,628	65,568
32	Stone, clay, and glass products <sup>3</sup> .....	331	88	11,057	59,287	109,623	107,797	12,213	10,399
33	Primary metal industries.....	243	116	18,878	101,567	155,927	157,028	8,462	19,404
34	Fabricated metal products.....	1,035	355	38,367	180,675	328,457	332,593	12,947	35,934
35	Machinery, except electrical <sup>3</sup> .....	1,310	378	72,228	379,215	625,834	608,617	23,087	76,363
36	Electrical machinery.....	407	200	74,713	345,164	631,112	612,041	26,331	74,928
37	Transportation equipment.....	168	59	25,411	150,452	238,919	225,783	7,040	21,644
38	Instruments and related products.....	175	78	21,111	100,968	189,167	213,341	11,759	17,448
39	Miscellaneous manufactures (including Ordnance).....	779	306	45,626	194,523	317,796	319,480	10,390	43,723
--	Administrative and auxiliary <sup>4</sup> .....	..	..	19,239	111,195	..	..	..	8,507

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry groups	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	MICHIGAN, TOTAL <sup>1</sup> .....	213,417	23,998	882,641	5,172,365	8,350,781	8,313,659	438,866	1,056,564	8,707,194
20	Food and kindred products.....	1,530	527	57,510	281,143	629,627	649,781	33,705	57,073	514,730
21	Tobacco manufactures.....	7	3	627	2,544	5,933	5,935	112	673	5,833
22	Textile mill products.....	39	18	2,121	9,782	15,885	15,975	551	3,451	22,175
23	Apparel and related products.....	253	81	11,391	47,437	71,440	66,890	2,928	10,218	52,027
24	Lumber and wood products.....	1,224	135	11,374	40,069	62,967	62,536	4,180	14,767	73,174
25	Furniture and fixtures.....	398	143	19,136	90,031	163,823	166,892	4,396	20,737	142,067
26	Pulp, paper and products.....	198	126	26,903	144,299	259,325	261,248	47,149	29,168	236,147
27	Printing and publishing.....	1,339	267	27,753	154,462	257,792	277,158	11,085	26,973	227,518
28	Chemicals and products.....	441	144	35,979	218,582	602,728	602,927	47,353	37,936	499,024
29	Petroleum and coal products.....	60	27	2,821	19,988	55,063	53,297	5,103	2,678	47,250
30	Rubber products.....	59	28	9,808	57,411	115,180	109,314	4,182	12,521	105,455
31	Leather and leather goods.....	40	24	3,404	13,691	23,647	23,500	428	4,245	25,613
32	Stone, clay, and glass products <sup>2</sup> .....	740	154	17,563	90,245	193,810	197,978	15,312	17,349	164,432
33	Primary metal industries.....	529	287	67,283	410,551	654,921	668,567	59,452	79,080	694,505
34	Fabricated metal products.....	1,912	629	74,648	408,447	653,150	648,145	23,066	91,671	712,663
35	Machinery, except electrical <sup>3</sup> .....	3,136	818	138,529	849,854	1,298,161	1,281,394	64,467	163,822	1,482,491
36	Electrical machinery.....	267	106	18,930	98,697	182,146	178,046	4,827	20,725	151,350
37	Transportation equipment.....	543	293	29,514	1,554,933	2,883,225	2,835,491	102,924	375,470	3,274,286
38	Instruments and related products.....	102	31	7,849	44,965	73,744	74,952	1,293	9,229	80,373
39	Miscellaneous manufactures (including Ordnance).....	600	157	17,692	85,744	149,214	153,633	6,353	23,835	202,023
--	Administrative and auxiliary <sup>4</sup> .....	...	...	71,806	549,518	...	...	...	54,934	...
	MINNESOTA, TOTAL <sup>1</sup> .....	25,327	21,435	219,168	1,084,114	1,994,850	2,034,861	109,703	208,506	1,594,505
20	Food and kindred products.....	1,212	357	50,205	240,653	469,395	492,229	29,530	49,470	398,774
22	Textile mill products.....	26	18	2,795	9,621	15,069	15,153	574	2,944	14,822
23	Apparel and related products.....	183	87	7,662	23,430	41,126	42,260	532	8,971	38,962
24	Lumber and wood products.....	749	69	7,068	28,051	46,701	49,340	2,427	8,585	46,818
25	Furniture and fixtures.....	145	56	11,749	59,451	16,444	16,855	459	2,678	16,592
26	Pulp, paper and products.....	145	50	11,620	59,451	144,676	147,683	18,551	15,460	172,960
27	Printing and publishing.....	808	145	20,864	102,514	166,079	166,492	8,097	19,450	138,625
28	Chemicals and products.....	205	58	6,465	33,921	142,868	143,325	9,131	5,288	102,484
29	Petroleum and coal products.....	25	10	1,291	7,958	25,642	26,997	1,251	940	12,219
30	Rubber products.....	25	6	1,000	4,540	7,308	7,570	315	653	5,946
31	Leather and leather goods.....	21	14	1,837	9,024	12,951	12,985	320	1,599	8,070
32	Stone, clay, and glass products <sup>2</sup> .....	330	76	8,256	38,522	95,506	94,705	6,729	5,119	31,029
33	Primary metal industries.....	80	41	5,615	30,795	46,287	47,590	2,436	5,911	34,075
34	Fabricated metal products.....	365	117	11,924	61,049	106,905	114,119	4,757	9,707	78,259
35	Machinery, except electrical <sup>3</sup> .....	570	175	31,710	164,005	290,741	287,274	14,955	23,432	178,174
36	Electrical machinery.....	105	51	7,641	37,614	67,564	65,333	2,226	6,680	46,718
37	Transportation equipment.....	94	31	5,194	26,836	72,137	75,759	1,415	6,832	65,452
--	Administrative and auxiliary <sup>4</sup> .....	...	...	9,569	61,205	...	...	...	5,484	...
	MISSISSIPPI, TOTAL <sup>1 2 3</sup> .....	2,402	2,749	109,372	357,002	636,074	645,566	57,741	91,261	467,625
20	Food and kindred products.....	436	155	11,823	36,308	81,314	85,937	6,500	10,782	60,206
22	Textile mill products.....	29	23	5,058	13,890	22,073	20,003	1,033	5,220	16,027
23	Apparel and related products.....	112	96	23,380	52,423	74,888	75,035	1,620	19,221	55,017
24	Lumber and wood products.....	993	194	19,320	44,540	64,243	65,283	7,775	21,312	71,941
25	Furniture and fixtures.....	75	32	5,386	16,483	29,698	29,860	1,849	3,174	12,961
26	Pulp, paper and products.....	16	14	8,089	39,668	81,211	82,511	14,337	8,094	85,795
27	Printing and publishing.....	196	24	2,230	8,187	13,279	13,727	1,218	2,003	10,897
28	Chemicals and products.....	112	61	5,112	20,230	61,715	64,576	12,079	5,778	49,975
29	Petroleum and coal products.....	13	4	394	1,984	7,270	6,150	588	222	2,785
33	Primary metal industries.....	12	6	502	1,899	3,193	2,435	376	166	305
34	Fabricated metal products.....	76	29	3,552	13,572	30,127	29,482	1,772	1,876	12,122
35	Machinery, except electrical <sup>3</sup> .....	89	20	2,108	8,814	17,226	17,800	1,038	1,677	11,640
36	Electrical machinery.....	17	12	2,905	9,653	24,372	24,800	1,294	1,058	8,982
37	Transportation equipment.....	35	17	11,036	59,710	65,966	67,394	2,158	6,165	33,368
39	Miscellaneous manufactures (in- cluding Ordnance).....	36	10	1,058	3,131	5,093	5,526	408	463	2,834
--	Administrative and auxiliary <sup>4</sup> .....	...	...	577	2,312	...	...	...	620	...

See footnotes at end of table.



## 1956 CENSUS OF MANUFACTURES

Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1955 AND 1954<sup>a</sup>

(See text for explanation of column captions.)

Code	Major industry group	1956							1955	
		Establishments, number		All employees		Value added by manufacture		Capital expenditures, new	All employees, number	Value added by manufacture, unchanged
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	(\$1,000)		
	MISSOURI, TOTAL <sup>1</sup> .....	26,447	2,224	380,749	1,757,310	3,162,764	3,201,407	165,977	382,430	2,727,266
20	Food and kindred products.....	974	321	52,332	246,731	536,776	555,010	25,787	53,750	466,274
22	Textile mill products.....	36	17	2,787	8,875	14,358	14,576	208	3,126	15,017
23	Apparel and related products.....	463	292	31,509	91,441	140,903	143,124	2,287	35,375	145,390
24	Lumber and wood products.....	632	93	7,161	21,816	32,491	33,623	6,485	24,055	24,055
25	Furniture and fixtures.....	213	77	6,550	26,486	44,608	44,562	1,009	6,940	38,666
26	Pulp, paper and products.....	130	85	11,764	52,180	106,408	107,613	4,109	10,996	71,245
27	Printing and publishing.....	1,073	207	26,621	131,019	215,273	220,793	9,491	23,997	162,896
28	Chemicals and products.....	383	137	18,104	96,139	275,930	284,880	21,869	17,890	225,617
29	Petroleum and coal products.....	37	16	2,876	15,935	37,576	37,576	1,440	2,897	34,054
30	Rubber products.....	25	8	913	3,408	6,867	7,107	166	805	5,771
31	Leather and leather goods.....	180	143	35,874	101,320	188,290	188,640	1,473	36,719	171,449
32	Stone, clay, and glass products <sup>2</sup> .....	370	97	14,194	70,040	159,558	160,292	14,100	14,495	125,287
33	Primary metal industries.....	110	62	13,140	70,680	120,415	125,314	12,780	13,051	88,089
34	Fabricated metal products.....	568	189	25,686	129,196	227,244	229,420	8,643	24,652	181,838
35	Machinery, except electrical <sup>3</sup> .....	616	157	22,403	112,272	197,295	200,450	14,351	23,469	171,841
36	Electrical machinery.....	122	71	20,729	94,500	163,061	162,694	4,890	22,260	153,455
37	Transportation equipment.....	117	55	51,913	288,303	554,993	543,964	31,166	45,696	488,533
38	Instruments and related products.....	70	24	2,581	11,843	20,307	22,516	747	3,042	23,468
--	Administrative and auxiliary <sup>4</sup> .....	...	...	14,851	96,323	...	...	...	13,951	...
	MONTANA, TOTAL <sup>1</sup> .....	2,917	217	20,095	93,754	185,632	185,163	19,884	18,519	141,234
20	Food and kindred products.....	206	51	3,951	16,738	38,860	40,225	2,068	4,088	31,888
24	Lumber and wood products.....	390	62	6,662	29,183	47,748	47,498	6,671	6,192	40,751
27	Printing and publishing.....	110	21	1,774	8,185	12,741	12,775	1,748	1,553	9,912
28	Chemicals and products.....	19	4	919	4,560	8,875	8,660	941	837	5,833
32	Stone, clay, and glass products.....	55	6	699	3,138	8,029	8,319	685	499	5,937
34	Fabricated metal products.....	29	6	317	1,557	2,174	2,421	149	200	1,137
--	Administrative and auxiliary <sup>4</sup> .....	...	...	122	788	...	...	...	146	...
	NEBRASKA, TOTAL <sup>1</sup> .....	21,536	2,411	58,653	264,808	507,689	537,099	48,647	59,381	394,222
20	Food and kindred products.....	484	166	27,522	127,161	253,450	261,725	12,883	27,730	197,635
23	Apparel and related products.....	38	15	1,533	3,935	7,732	7,690	131	1,493	6,723
24	Lumber and wood products.....	39	11	820	3,217	3,998	4,345	198	1,126	4,604
25	Furniture and fixtures.....	38	11	1,030	4,850	7,906	8,038	147	1,025	6,467
27	Printing and publishing.....	355	44	5,072	22,888	40,044	40,867	(D)	4,816	32,881
28	Chemicals and products.....	77	22	2,114	10,060	30,231	31,788	1,075	1,645	14,834
32	Stone, clay, and glass products <sup>2</sup> .....	98	20	1,823	7,485	22,756	22,476	3,267	1,355	15,165
33	Primary metal industries.....	14	7	1,103	5,752	8,754	18,456	128	643	5,988
34	Fabricated metal products.....	88	25	3,152	16,430	30,440	33,671	1,641	2,652	17,345
35	Machinery, except electrical <sup>3</sup> .....	138	35	3,505	14,815	33,129	33,076	1,459	3,142	19,795
36	Electrical machinery.....	24	10	3,354	14,404	19,693	22,805	(D)	2,227	17,969
37	Transportation equipment.....	25	12	2,064	9,357	15,760	16,719	982	1,255	7,129
39	Miscellaneous manufactures (including Ordnance).....	74	15	2,025	7,283	12,717	13,161	468	6,057	34,909
--	Administrative and auxiliary <sup>4</sup> .....	...	...	885	6,090	...	...	...	2,385	...
	NEVADA, TOTAL <sup>1</sup> .....	2,206	245	44,979	426,866	69,003	69,043	5,156	45,717	62,672
20	Food and kindred products.....	45	13	769	3,870	8,062	8,310	654	826	7,484
24	Lumber and wood products.....	17	4	504	2,310	3,584	3,526	91	539	3,462
27	Printing and publishing.....	44	5	669	3,442	6,268	6,285	287	634	4,847
32	Stone, clay, and glass products <sup>2</sup> .....	30	10	941	5,396	14,780	14,779	1,738	945	9,696
	NEW HAMPSHIRE, TOTAL <sup>1</sup> .....	21,454	2,499	79,892	301,982	490,838	494,075	24,543	77,332	408,826
20	Food and kindred products.....	161	41	3,096	11,447	18,750	20,382	2,489	2,816	17,478
22	Textile mill products.....	97	70	12,963	44,499	70,394	69,635	2,467	13,762	67,799
23	Apparel and related products.....	37	22	1,512	4,054	6,931	5,931	78	1,147	3,749
24	Lumber and wood products.....	432	66	5,437	18,225	25,359	24,935	2,888	6,237	24,478
25	Furniture and fixtures.....	48	19	1,670	6,119	9,793	9,695	1,399	1,873	9,597
26	Pulp, paper and products.....	47	36	6,252	29,196	58,660	59,756	3,321	6,254	45,133
27	Printing and publishing.....	135	27	3,115	14,220	21,807	22,644	959	2,975	18,624
30	Rubber products.....	6	4	949	3,498	6,920	6,879	132	506	3,465
31	Leather and leather goods.....	118	86	20,589	67,053	98,511	98,951	1,161	4,013	86,400
32	Stone, clay, and glass products <sup>2</sup> .....	62	14	1,453	6,032	11,125	11,223	800	1,609	10,146
33	Primary metal industries.....	15	9	798	3,338	4,937	4,898	112	586	3,321
34	Fabricated metal products.....	62	21	1,826	7,477	12,244	12,645	321	1,847	12,003
35	Machinery, except electrical <sup>3</sup> .....	90	22	7,188	32,651	60,009	60,036	3,357	6,521	46,655
36	Electrical machinery.....	39	27	8,443	35,130	64,608	64,542	3,357	6,913	46,518
39	Miscellaneous manufactures (including Ordnance).....	60	22	2,432	8,175	13,070	14,130	805	2,040	7,487
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,173	4,437	...	...	...	261	...

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22

## 1958 CENSUS OF MANUFACTURES

Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad- justed (\$1,000)	Adjusted (\$1,000)			
	NEW JERSEY, TOTAL.....	<sup>a</sup> 14,042	<sup>a</sup> 5,012	797,524	4,069,636	7,576,059	7,560,443	430,894	812,445	6,331,178
20	Food and kindred products.....	1,149	419	60,678	306,647	763,485	786,391	37,749	60,172	650,466
21	Tobacco manufactures.....	11	7	1,829	5,685	17,196	17,167	301	3,856	32,993
22	Textile mill products.....	706	338	35,967	156,228	249,930	242,022	9,575	46,117	275,622
23	Apparel and related products.....	2,458	1,025	75,359	228,416	392,848	394,984	8,236	77,872	318,725
24	Lumber and wood products.....	328	54	4,656	18,029	30,362	31,015	1,523	5,284	28,759
25	Furniture and fixtures.....	406	95	8,987	39,967	65,918	66,919	1,884	8,558	56,322
26	Pulp, paper and products.....	343	211	27,521	139,280	263,670	263,995	16,184	25,419	206,225
27	Printing and publishing.....	1,188	235	30,619	161,700	290,446	289,171	12,562	24,630	176,551
28	Chemicals and products.....	1,014	421	81,267	483,515	1,446,573	1,467,071	123,174	81,731	1,121,765
29	Petroleum and coal products.....	78	33	11,389	72,584	127,619	107,046	16,346	16,346	145,976
30	Rubber products.....	113	60	12,556	63,332	106,528	106,904	3,503	14,083	96,467
31	Leather and leather goods.....	181	108	11,310	41,302	63,883	63,789	1,285	11,275	56,178
32	Stone, clay, and glass products <sup>5</sup> .....	554	208	32,583	156,080	302,382	304,449	16,626	31,250	221,271
33	Primary metal industries.....	323	169	33,480	182,803	325,465	334,678	20,605	37,095	292,740
34	Fabricated metal products.....	1,447	421	52,345	269,277	492,387	490,969	19,121	51,196	419,672
35	Machinery, except electrical <sup>3</sup> .....	1,669	394	68,359	371,895	621,604	608,066	28,100	68,786	528,527
36	Electrical machinery.....	655	306	105,551	550,227	925,950	889,114	37,376	103,452	774,794
37	Transportation equipment.....	236	97	54,919	318,492	602,912	604,103	15,054	54,235	481,257
38	Instruments and related products.....	207	72	23,034	134,327	216,664	218,849	11,974	25,863	194,243
39	Miscellaneous manufactures (including Ordnance).....	976	339	36,155	154,242	270,237	273,741	15,056	40,365	252,617
--	Administrative and auxiliary <sup>4</sup> .....	...	...	28,960	125,608	...	...	...	24,852	...
	NEW MEXICO, TOTAL <sup>1</sup> s.....	<sup>a</sup> 664	<sup>a</sup> 152	20,278	104,215	206,153	209,135	15,585	15,061	126,326
20	Food and kindred products.....	153	47	3,370	12,907	26,730	27,399	2,174	2,654	17,359
24	Lumber and wood products.....	113	25	1,793	6,129	9,928	9,989	929	2,032	9,988
27	Printing and publishing.....	109	13	1,380	5,823	11,105	11,225	1,355	1,079	7,460
28	Chemicals and products.....	21	10	7,083	47,624	105,055	105,951	1,035	5,967	67,472
29	Petroleum and coal products.....	13	8	661	3,272	9,377	9,579	2,780	496	6,454
32	Stone, clay, and glass products <sup>6</sup> .....	68	19	1,075	4,457	7,987	8,366	1,712	386	1,697
34	Fabricated metal products.....	32	6	505	2,193	3,655	4,082	489	190	974
--	Administrative and auxiliary <sup>2</sup> .....	...	...	102	772	...	...	...	106	...
	NEW YORK, TOTAL.....	<sup>a</sup> 48,709	<sup>a</sup> 15,117	1,932,065	9,642,691	15,931,271	15,983,483	678,505	2,006,843	14,140,524
20	Food and kindred products.....	3,613	1,199	149,596	718,871	1,594,924	1,645,944	84,019	152,442	1,365,436
21	Tobacco manufactures.....	60	7	1,196	3,488	5,863	6,539	74	1,377	7,630
22	Textile mill products.....	1,759	718	62,161	242,459	434,417	431,602	20,730	66,184	416,048
23	Apparel and related products.....	14,297	5,359	346,338	1,241,888	2,137,912	2,166,870	37,309	379,925	2,012,415
24	Lumber and wood products.....	1,325	212	16,341	64,796	102,877	106,035	6,536	17,872	92,459
25	Furniture and fixtures.....	1,645	388	37,720	170,665	280,995	285,826	7,902	38,158	250,320
26	Pulp, paper and products.....	1,065	518	65,437	310,899	540,106	546,648	32,648	64,671	476,173
27	Printing and publishing.....	6,261	1,338	175,512	994,211	1,914,887	1,931,726	65,421	168,091	1,583,450
28	Chemicals and products.....	1,492	395	66,272	366,544	1,122,149	1,125,758	54,619	67,752	872,140
29	Petroleum and coal products.....	119	26	3,026	19,241	39,700	36,743	9,772	3,770	33,288
30	Rubber products.....	103	32	8,827	45,302	73,819	72,410	2,621	9,891	68,566
31	Leather and leather goods.....	1,484	575	59,271	196,310	306,221	311,239	6,359	61,364	274,670
32	Stone, clay, and glass products <sup>8</sup> .....	1,110	267	40,833	207,894	375,018	381,493	33,403	39,140	316,646
33	Primary metal industries.....	533	235	66,823	375,411	645,677	654,816	34,526	76,394	624,129
34	Fabricated metal products.....	3,383	983	92,288	443,216	759,701	763,346	62,064	98,360	694,884
35	Machinery, except electrical <sup>3</sup> .....	2,809	632	146,601	791,188	1,267,057	1,252,774	73,966	142,549	1,169,041
36	Electrical machinery.....	1,148	525	133,033	665,889	1,240,807	1,225,302	35,912	125,278	938,632
37	Transportation equipment.....	452	191	108,340	648,141	1,047,758	996,792	30,729	141,131	1,188,463
38	Instruments and related products.....	850	253	85,697	507,233	981,634	994,429	41,938	79,999	700,389
39	Miscellaneous manufactures (including Ordnance).....	5,201	1,264	140,480	631,812	1,059,749	1,047,191	37,957	161,624	1,055,735
--	Administrative and auxiliary.....	...	...	126,273	997,233	...	...	...	110,861	...

See footnotes at end of table.



## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1957

(See text for explanation of column captions)

Code	Major industry group	1958							
		Establishments, number		All employees		Value added by manufacture		Capital expenditures, new	Assets, total
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	(\$1,000)	(\$1,000)
	NORTH CAROLINA, TOTAL <sup>1</sup> .....	2,293	2,641	463,681	1,492,773	3,079,801	3,107,801	1,107,100	1,107,100
20	Food and kindred products.....	894	348	28,877	95,797	212,959	227,925	15,347	15,347
21	Tobacco manufactures.....	63	60	27,422	105,229	674,417	675,627	15,330	15,330
22	Textile mill products.....	1,094	863	211,398	611,422	1,026,232	1,017,471	49,293	49,293
23	Apparel and related products.....	242	184	29,273	68,261	115,459	115,459	1,061	1,061
24	Lumber and wood products.....	2,491	329	31,374	66,172	99,466	99,120	11,000	11,000
25	Furniture and fixtures.....	465	246	39,583	123,263	209,072	212,496	8,000	8,000
26	Pulp, paper and products.....	73	55	11,106	52,806	102,766	104,534	1,666	1,666
27	Printing and publishing.....	508	99	8,905	37,176	63,136	63,136	1,199	1,199
28	Chemicals and products.....	242	86	12,196	55,824	149,306	152,522	14,067	14,067
30	Rubber products.....	14	8	1,572	6,524	14,886	16,089	1,207	1,207
31	Leather and leather goods.....	36	11	1,307	4,406	5,994	6,789	354	354
32	Stone, clay, and glass products <sup>2</sup> .....	308	103	8,533	27,365	52,108	52,089	9,170	9,170
33	Primary metal industries.....	43	14	9,594	16,794	17,303	17,303	1,000	1,000
34	Fabricated metal products.....	202	64	6,938	29,105	54,258	54,786	3,828	3,828
35	Machinery, except electrical <sup>3</sup> .....	333	94	9,448	37,487	70,121	70,121	3,841	3,841
36	Electrical machinery.....	50	36	19,591	90,473	159,589	170,368	9,570	9,570
38	Instruments and related products.....	9	2	598	1,789	2,681	2,727	1,779	1,779
--	Administrative and auxiliary <sup>4</sup> .....	...	...	6,753	43,318	...	...	...	...
	NORTH DAKOTA, TOTAL <sup>1</sup> .....	2413	280	6,533	26,602	61,014	63,034	8,775	8,775
20	Food and kindred products.....	158	44	3,292	12,724	28,707	30,134	1,447	1,447
21	Tobacco manufactures.....	126	13	1,226	5,222	8,804	8,804	1,220	1,220
22	Textile mill products.....	13	5	1,437	3,437	3,603	3,603	332	332
32	Stone, clay, and glass products <sup>2</sup> .....	14	2	267	1,245	1,933	2,104	100	100
34	Fabricated metal products.....	36	6	445	1,806	3,602	3,577	274	274
35	Machinery, except electrical <sup>3</sup> .....	...	...	11	49	...	...	...	...
--	Administrative and auxiliary <sup>4</sup> .....	...	...	...	...	...	...	...	...
	OHIO, TOTAL.....	214,944	20,554	1,192,644	6,434,353	11,321,157	11,426,396	781,428	1,294,692
20	Food and kindred products.....	1,990	764	85,121	405,923	838,795	859,466	46,773	82,913
21	Tobacco manufactures.....	16	9	1,495	4,514	11,259	11,318	115	1,530
22	Textile mill products.....	95	56	9,540	40,201	71,313	69,006	2,662	11,631
23	Apparel and related products.....	396	162	22,895	72,985	121,683	126,308	2,734	25,714
24	Lumber and wood products.....	775	111	8,869	35,042	51,696	56,723	3,274	9,999
25	Furniture and fixtures.....	378	137	19,580	93,423	169,481	166,279	5,365	21,353
26	Pulp, paper and products.....	302	210	37,156	193,727	351,203	355,616	36,427	35,772
27	Printing and publishing.....	1,804	429	56,291	301,489	506,989	510,983	42,363	16,443
28	Chemicals and products.....	733	286	47,384	270,152	698,213	707,684	50,100	42,826
29	Petroleum and coal products.....	125	38	7,706	48,903	142,342	142,678	28,715	7,999
30	Rubber products.....	186	125	66,525	364,681	585,877	619,184	40,415	71,092
31	Leather and leather goods.....	33	36	11,161	38,787	63,637	63,637	1,852	13,004
32	Stone, clay, and glass products <sup>2</sup> .....	1,097	425	64,960	309,337	611,701	622,920	39,577	64,719
33	Primary metal industries.....	670	389	151,697	875,945	1,585,392	1,616,124	196,987	179,987
34	Fabricated metal products.....	1,885	740	107,992	567,221	964,731	976,430	43,448	122,976
35	Machinery, except electrical <sup>3</sup> .....	2,707	846	198,633	1,116,838	1,914,576	1,896,214	91,116	314,211
36	Electrical machinery.....	405	230	76,779	387,825	753,888	746,176	47,426	89,207
37	Transportation equipment.....	345	219	146,943	908,438	1,527,289	1,511,235	104,962	163,418
38	Instruments and related products.....	174	73	9,407	40,088	77,300	75,984	2,202	9,336
39	Miscellaneous manufactures (including Ordnance).....	766	269	35,347	159,487	274,654	277,831	13,987	46,050
--	Administrative and auxiliary <sup>4</sup> .....	...	...	27,163	195,247	...	...	...	26,064
	OKLAHOMA, TOTAL <sup>1</sup> .....	2,387	2,574	62,933	484,180	718,111	718,111	8,700	8,700
20	Food and kindred products.....	525	154	19,200	60,346	124,299	125,500	7,247	14,672
21	Tobacco manufactures.....	65	30	3,477	8,079	14,597	14,597	1,366	1,366
22	Textile mill products.....	17	10	2,068	5,838	9,977	9,977	1,929	1,929
24	Lumber and wood products.....	77	10	1,666	6,297	12,763	10,989	900	1,670
25	Furniture and fixtures.....	14	5	625	3,282	8,648	8,144	374	601
26	Pulp, paper and products.....	416	55	6,032	26,080	46,347	46,860	1,240	1,732
27	Printing and publishing.....	93	24	1,479	7,043	15,526	17,483	821	1,001
28	Chemicals and products.....	36	23	6,575	36,589	112,476	117,001	32,072	1,001
29	Petroleum and coal products.....	9	3	327	919	1,733	1,621	21	1,621
31	Leather and leather goods.....	171	48	6,793	26,986	60,110	60,371	1,330	1,330
32	Stone, clay, and glass products <sup>2</sup> .....	38	18	2,959	14,408	21,743	21,743	1,001	1,001
33	Primary metal industries.....	176	44	6,091	30,354	53,063	53,063	1,001	1,001
34	Fabricated metal products.....	393	92	10,948	54,007	94,811	91,737	4,180	1,001
35	Machinery, except electrical <sup>3</sup> .....	31	9	2,132	9,081	17,379	18,130	1,179	1,179
36	Electrical machinery.....	65	15	9,948	57,429	68,413	68,720	10,366	10,366
37	Transportation equipment.....	23	9	628	3,100	5,624	5,724	1,001	1,001
38	Instruments and related products.....	106	11	1,138	4,153	6,991	6,991	1,001	1,001
39	Miscellaneous manufactures (including Ordnance).....	...	...	11,032	87,842	...	...	...	9,400
--	Administrative and auxiliary <sup>4</sup> .....	...	...	...	...	...	...	...	...

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	(\$1,000)		(\$1,000)
	OREGON, TOTAL <sup>1</sup> .....	25,002	21,158	134,340	645,255	1,210,334	1,220,163	101,937	135,309	1,037,456
20	Food and kindred products.....	560	183	20,519	83,574	198,451	199,996	11,561	19,032	141,668
21	Tobacco manufactures.....	...	...	...	...	...	...	...	...	...
22	Textile mill products.....	19	13	2,222	9,874	19,054	17,967	1,024	2,759	14,411
23	Apparel and related products.....	72	25	2,579	8,087	12,957	14,087	154	2,434	13,260
24	Lumber and wood products.....	2,738	588	67,769	326,900	543,135	548,594	58,810	75,635	573,672
25	Furniture and fixtures.....	90	17	1,930	8,061	12,365	12,366	273	1,841	11,745
26	Pulp, paper and products.....	54	36	6,961	38,127	104,259	104,639	9,658	6,030	64,321
27	Printing and publishing.....	348	51	5,317	26,615	45,188	45,335	1,622	5,081	38,178
28	Chemicals and products.....	87	20	1,385	6,947	19,050	20,352	2,447	1,513	17,209
29	Petroleum and coal products.....	12	4	280	1,522	4,976	4,489	82	369	5,210
32	Stone, clay, and glass products <sup>2</sup> .....	194	31	2,778	13,927	25,641	26,154	4,545	1,266	9,720
33	Primary metal industries.....	55	25	4,389	25,440	63,194	62,517	1,786	3,008	34,538
34	Fabricated metal products.....	197	59	4,723	24,132	40,462	43,412	2,166	5,361	36,368
35	Machinery, except electrical <sup>3</sup> .....	297	47	4,364	23,962	44,280	41,607	2,286	3,634	31,261
36	Electrical machinery.....	45	12	2,412	13,680	28,273	28,522	3,673	1,156	10,431
37	Transportation equipment.....	74	19	3,708	19,856	31,588	32,582	1,030	2,448	16,281
38	Instruments and related products.....	17	4	569	2,817	5,005	4,877	277	506	5,266
39	Miscellaneous manufactures (in- cluding Ordnance).....	116	16	1,129	4,629	8,197	8,409	472	1,799	10,459
--	Administrative and auxiliary <sup>4</sup> .....	...	...	876	5,163	...	...	...	966	...
	PENNSYLVANIA, TOTAL.....	219,083	27,775	1,421,749	6,840,920	11,538,475	11,485,651	788,451	1,472,046	9,930,486
20	Food and kindred products.....	2,868	940	115,960	503,824	1,073,455	1,098,098	60,202	113,186	825,920
21	Tobacco manufactures.....	106	62	13,077	37,534	87,768	88,932	3,619	16,365	76,305
22	Textile mill products.....	985	649	84,370	303,572	509,457	505,777	21,775	100,803	497,933
23	Apparel and related products.....	2,276	1,560	156,976	418,753	655,431	660,427	9,598	157,151	547,914
24	Lumber and wood products.....	1,468	140	11,993	38,479	62,058	63,577	5,288	14,425	60,140
25	Furniture and fixtures.....	651	249	23,610	95,401	159,010	159,098	6,249	22,961	124,368
26	Pulp, paper and products.....	413	268	38,974	189,396	381,634	384,384	44,135	38,045	303,918
27	Printing and publishing.....	1,978	484	63,748	323,514	541,745	546,874	26,910	61,783	470,620
28	Chemicals and products.....	748	268	44,785	242,134	706,359	718,980	43,247	45,198	510,561
29	Petroleum and coal products.....	138	45	16,794	102,466	178,301	165,199	39,403	17,476	181,398
30	Rubber products.....	81	40	11,833	59,855	137,699	140,582	4,606	13,046	121,873
31	Leather and leather goods.....	281	206	32,324	98,871	147,567	147,883	2,879	30,679	120,877
32	Stone, clay, and glass products <sup>2</sup> .....	1,143	429	62,604	298,489	593,660	593,076	40,226	64,841	495,123
33	Primary metal industries.....	653	394	228,104	1,326,455	2,193,300	2,234,459	307,890	247,359	1,880,254
34	Fabricated metal products.....	1,702	696	108,867	554,250	936,197	926,475	42,904	105,354	758,120
35	Machinery, except electrical <sup>3</sup> .....	1,849	609	132,718	711,225	1,213,501	1,174,001	47,040	129,260	1,011,674
36	Electrical machinery.....	429	258	94,729	483,387	961,016	922,552	44,390	103,985	953,251
37	Transportation equipment.....	228	113	61,363	320,036	558,242	513,183	17,386	68,330	517,975
38	Instruments and related products.....	216	86	22,967	116,256	208,515	205,616	10,369	25,398	184,523
39	Miscellaneous manufactures (including Ordnance).....	870	280	34,101	142,585	234,060	236,478	10,335	46,018	287,729
--	Administrative and auxiliary <sup>4</sup> .....	...	...	61,862	474,438	...	...	...	50,373	...
	RHODE ISLAND, TOTAL <sup>1</sup> .....	2,743	2914	116,143	458,165	763,143	764,321	29,923	125,041	697,279
20	Food and kindred products.....	251	62	6,384	27,242	52,375	55,105	3,441	6,116	40,516
22	Textile mill products.....	371	219	28,345	103,059	148,650	144,759	4,954	35,981	179,107
23	Apparel and related products.....	83	50	4,447	11,927	23,464	23,063	340	4,164	18,509
24	Lumber and wood products.....	39	3	344	1,294	2,250	2,312	78	474	2,407
25	Furniture and fixtures.....	30	10	611	2,624	4,140	4,236	751	610	3,715
26	Pulp, paper and products.....	40	25	1,841	6,955	11,672	11,935	750	1,785	9,403
27	Printing and publishing.....	166	32	3,641	17,778	30,071	30,032	1,706	3,661	24,589
28	Chemicals and products.....	81	22	1,790	8,243	17,985	18,573	2,067	1,301	10,216
29	Petroleum and coal products.....	7	3	267	1,597	2,808	3,057	303	361	1,988
30	Rubber products.....	21	15	4,952	23,028	41,586	42,019	991	5,360	34,836
31	Leather and leather goods.....	21	10	991	3,558	6,580	6,624	68	718	3,666
32	Stone, clay, and glass products.....	61	11	1,921	8,953	18,340	17,166	494	2,003	14,443
33	Primary metal industries.....	72	30	6,736	32,743	50,490	54,621	1,598	6,353	52,904
34	Fabricated metal products.....	330	66	6,739	28,216	46,456	44,706	1,639	7,326	41,091
35	Machinery, except electrical <sup>3</sup> .....	252	68	10,384	49,577	86,340	82,176	3,763	12,235	78,728
36	Electrical machinery.....	42	26	5,892	21,236	41,172	40,640	1,293	3,995	27,150
38	Instruments and related products.....	33	15	2,862	12,560	20,657	19,271	378	2,249	13,181
39	Miscellaneous manufactures (including Ordnance).....	811	238	26,098	86,686	151,161	156,894	5,157	27,980	131,900
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,072	7,409	...	...	...	1,071	...

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 2--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unad-justed (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad-justed (\$1,000)	Ad-justed (\$1,000)			
	SOUTH CAROLINA, TOTAL <sup>1</sup> .....	2,876	2,942	224,901	729,506	1,360,206	1,348,523	74,740	219,826	1,348,523
20	Food and kindred products.....	366	114	10,301	32,875	69,522	72,232	4,563	9,062	51,417
21	Tobacco manufactures.....	6	6	1,243	3,788	8,389	8,388	717	1,586	5,708
22	Textile mill products.....	290	267	126,546	395,116	659,078	624,863	29,608	129,091	552,826
23	Apparel and related products.....	166	126	25,283	57,785	91,781	91,936	1,737	19,777	67,955
24	Lumber and wood products.....	1,216	175	16,478	34,189	51,992	50,956	5,775	18,057	51,695
25	Furniture and fixtures.....	57	20	3,393	9,620	14,644	14,377	741	2,462	11,071
26	Pulp, paper and products.....	28	19	7,126	35,245	86,541	87,069	17,548	6,213	68,671
27	Printing and publishing.....	192	30	3,132	13,181	22,513	22,789	825	2,871	17,468
28	Chemicals and products.....	112	43	14,299	83,184	233,049	232,860	4,063	19,264	148,166
29	Stone, clay, and glass products <sup>2</sup> .....	136	49	5,298	19,143	45,392	44,748	3,937	4,147	23,482
30	Primary metal industries.....	14	5	681	2,720	6,391	7,076	156	549	4,738
31	Machinery, except electrical <sup>3</sup> .....	115	37	4,130	15,796	27,046	27,723	1,687	2,713	12,842
37	Transportation equipment.....	19	6	541	1,836	2,455	2,428	61	468	2,328
--	Administrative and auxiliary <sup>4</sup> .....	...	...	961	5,505	...	...	...	563	...
	SOUTH DAKOTA, TOTAL <sup>1</sup> .....	2,576	2,114	113,091	455,591	108,006	114,455	5,307	11,543	77,692
20	Food and kindred products.....	203	55	8,205	36,575	76,744	80,015	3,000	7,791	56,713
24	Lumber and wood products.....	59	11	1,043	3,530	3,681	4,833	362	3,65	3,374
27	Printing and publishing.....	165	17	1,525	5,752	9,426	9,279	517	1,441	8,236
32	Stone, clay, and glass products <sup>2</sup> .....	46	9	653	2,682	5,435	5,547	527	387	2,519
34	Fabricated metal products.....	20	7	497	2,244	4,080	4,438	91	389	3,235
35	Machinery, except electrical <sup>3</sup> .....	20	4	425	1,923	3,847	4,161	454	289	1,742
	TENNESSEE, TOTAL <sup>1</sup> .....	24,472	21,532	280,330	1,075,407	2,175,627	2,190,180	143,245	267,496	1,608,786
20	Food and kindred products.....	752	286	29,338	112,942	240,219	251,142	14,562	27,362	187,173
22	Textile mill products.....	154	127	30,316	89,052	158,640	158,778	6,139	33,365	141,062
23	Apparel and related products.....	204	160	37,402	84,355	137,121	137,174	1,713	27,303	87,442
24	Lumber and wood products.....	1,192	172	17,603	42,329	65,904	65,942	5,361	18,716	70,988
25	Furniture and fixtures.....	220	91	12,435	38,504	61,489	62,908	2,674	10,761	43,149
26	Pulp, paper and products.....	63	50	9,141	43,845	108,688	109,490	17,627	7,925	64,516
27	Printing and publishing.....	441	75	12,243	55,252	96,756	98,380	6,445	17,067	66,606
28	Chemicals and products.....	206	100	19,831	221,116	542,144	542,637	49,601	42,888	454,764
29	Petroleum and coal products.....	19	5	456	2,050	4,639	5,506	1,271	338	3,332
30	Rubber products.....	29	15	4,219	21,515	56,737	57,494	2,333	5,367	53,912
31	Leather and leather goods.....	78	54	11,850	32,511	71,872	71,756	1,357	10,833	54,819
32	Stone, clay, and glass products <sup>2</sup> .....	269	72	10,716	44,288	95,411	97,354	7,736	8,483	48,113
33	Primary metal industries.....	66	40	10,538	52,677	116,326	127,706	4,681	11,697	93,408
34	Fabricated metal products.....	248	99	18,895	80,414	141,764	138,980	6,520	16,528	102,057
35	Machinery, except electrical <sup>3</sup> .....	218	55	11,395	54,572	88,221	127,652	4,508	8,397	56,815
36	Electrical machinery.....	58	31	5,396	22,175	63,174	69,338	4,484	3,967	32,091
37	Transportation equipment.....	64	27	5,355	23,153	47,341	41,300	2,437	5,680	52,846
38	Instruments and related products.....	20	5	2,492	12,294	19,224	19,226	1,991	2,175	13,931
--	Administrative and auxiliary <sup>4</sup> .....	...	...	2,897	15,162	...	...	...	6,897	...
	TEXAS, TOTAL <sup>1</sup> .....	210,372	23,109	480,142	2,294,982	5,036,858	5,059,428	591,037	419,218	3,501,706
20	Food and kindred products.....	1,936	705	72,696	279,418	661,113	683,237	39,705	67,862	433,060
22	Textile mill products.....	76	41	8,698	25,838	40,010	40,487	2,726	8,636	33,754
23	Apparel and related products.....	537	307	32,211	83,214	134,430	135,792	2,878	28,534	98,689
24	Lumber and wood products.....	903	166	17,056	47,069	72,785	76,243	7,543	20,739	76,369
25	Furniture and fixtures.....	502	126	10,808	38,594	67,568	70,149	3,074	9,819	51,606
26	Pulp, paper and products.....	121	73	9,813	51,464	119,434	121,037	31,611	8,126	68,224
27	Printing and publishing.....	1,571	209	26,479	110,451	206,871	210,943	11,892	22,537	154,672
28	Chemicals and products.....	642	242	42,166	254,718	1,063,313	1,063,136	199,033	36,976	722,056
29	Petroleum and coal products.....	134	81	43,938	281,637	665,209	626,596	177,467	40,958	466,391
31	Leather and leather goods.....	93	28	2,883	7,910	11,157	11,257	292	3,410	10,180
32	Stone, clay, and glass products <sup>2</sup> .....	688	248	21,691	87,475	229,030	236,082	23,449	13,729	133,789
33	Primary metal industries.....	184	90	23,805	129,321	291,852	293,878	15,945	22,699	210,214
34	Fabricated metal products.....	754	242	24,435	110,093	191,424	193,754	11,461	18,805	131,543
35	Machinery, except electrical <sup>3</sup> .....	1,238	304	42,453	216,891	416,928	430,459	28,224	32,328	316,205
36	Electrical machinery.....	140	37	10,071	49,577	98,978	95,561	4,742	4,915	34,932
37	Transportation equipment.....	289	108	64,472	375,203	606,934	607,408	21,557	55,426	361,359
38	Instruments and related products.....	102	21	4,174	18,736	38,461	39,474	1,787	2,106	18,128
39	Miscellaneous manufactures (Including Ordnance).....	426	65	7,484	30,299	70,813	72,546	6,800	10,440	51,218
--	Administrative and auxiliary <sup>4</sup> .....	...	...	11,148	75,108	...	...	...	8,854	...

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22



## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	UTAH, TOTAL <sup>1</sup> .....	<sup>2</sup> 992	<sup>2</sup> 297	37,204	184,465	404,600	425,206	30,887	29,947	276,343
20	Food and kindred products.....	290	101	8,803	35,303	79,979	82,754	3,871	7,540	50,053
23	Apparel and related products.....	31	15	1,653	4,222	7,538	7,644	103	1,508	4,543
24	Lumber and wood products.....	94	10	767	2,571	3,476	3,390	658	596	2,663
25	Furniture and fixtures.....	36	7	555	2,246	3,459	3,520	138	363	2,515
27	Printing and publishing.....	129	20	2,021	8,874	18,823	19,031	778	1,754	13,354
28	Chemicals and products.....	39	12	1,063	5,371	15,704	16,953	2,617	1,131	12,343
32	Stone, clay, and glass products <sup>3</sup> .....	104	38	2,609	12,303	32,242	32,841	2,869	1,627	21,000
35	Machinery, except electrical <sup>3</sup> .....	60	11	2,315	11,438	21,661	25,222	1,209	1,388	10,002
36	Electrical machinery.....	10	6	578	2,530	5,011	5,195	660	200	1,714
39	Miscellaneous manufactures (including Ordnance).....	40	5	486	1,880	2,871	3,012	119	422	3,187
--	Administrative and auxiliary <sup>4</sup> .....	...	...	466	2,717	...	...	...	583	...
	VERMONT, TOTAL <sup>1</sup> .....	<sup>2</sup> 1,014	<sup>2</sup> 279	32,676	132,745	236,226	236,342	11,449	36,112	222,965
20	Food and kindred products.....	140	34	2,825	11,526	33,442	34,190	1,350	2,745	25,738
23	Textile mill products.....	15	10	1,070	3,624	6,249	6,254	100	2,279	7,581
24	Apparel and related products.....	28	20	1,900	5,053	7,746	7,672	56	2,249	7,901
25	Lumber and wood products.....	386	47	3,818	11,139	17,071	17,527	1,470	4,820	18,233
25	Furniture and fixtures.....	21	12	1,539	5,774	8,523	8,431	279	1,358	6,012
26	Pulp, paper and products.....	22	17	2,275	10,048	20,220	20,891	817	2,031	15,051
27	Printing and publishing.....	87	22	2,197	8,676	13,828	14,061	641	1,335	7,739
28	Chemicals and products.....	16	4	251	1,027	3,751	4,013	107	231	2,726
31	Leather and leather goods.....	9	5	689	2,186	3,678	3,132	102	536	2,372
32	Stone, clay, and glass products <sup>3</sup> .....	146	44	4,183	17,250	26,199	26,363	1,057	4,034	20,190
34	Fabricated metal products.....	31	9	884	4,056	8,398	8,456	230	889	5,920
35	Machinery, except electrical <sup>3</sup> .....	51	23	6,043	29,018	39,853	39,928	1,708	7,811	63,727
36	Electrical machinery.....	9	6	1,253	5,666	8,248	8,027	(D)	826	5,167
39	Miscellaneous manufactures (including Ordnance).....	33	15	1,836	9,310	13,028	12,729	574	2,884	19,663
--	Administrative and auxiliary <sup>4</sup> .....	...	...	104	485	...	...	...	213	...
	VIRGINIA, TOTAL <sup>1</sup> .....	<sup>2</sup> 4,418	<sup>2</sup> 1,384	257,800	984,731	2,129,952	2,135,042	141,050	242,864	1,629,041
20	Food and kindred products.....	721	332	31,312	102,833	237,664	244,602	13,885	28,651	167,103
21	Tobacco manufactures.....	28	28	13,404	51,056	267,280	266,495	6,786	14,620	202,069
22	Textile mill products.....	113	93	34,843	113,077	217,319	215,578	6,940	37,032	163,399
23	Apparel and related products.....	159	115	21,604	51,996	78,315	78,104	1,774	19,584	59,293
24	Lumber and wood products.....	1,747	220	21,994	48,695	73,267	74,635	6,943	22,767	72,647
25	Furniture and fixtures.....	147	72	16,428	56,335	103,756	104,984	3,626	15,290	79,987
26	Pulp, paper and products.....	58	49	11,070	54,258	130,410	131,420	32,490	10,897	102,124
27	Printing and publishing.....	423	72	9,596	40,611	65,093	66,158	3,333	8,016	48,209
28	Chemicals and products.....	171	83	31,111	157,849	459,425	457,206	41,491	34,977	435,655
30	Rubber products.....	15	6	1,858	6,703	11,136	11,241	1,857	1,091	7,388
31	Leather and leather goods.....	24	19	5,029	12,876	18,936	18,784	225	5,137	16,682
32	Stone, clay, and glass products <sup>3</sup> .....	238	92	7,840	29,951	74,977	75,162	4,152	6,465	46,422
33	Primary metal industries.....	44	22	3,816	17,180	29,495	29,546	926	3,270	17,633
34	Fabricated metal products.....	151	59	9,031	44,278	78,879	74,060	3,819	7,007	44,856
35	Machinery, except electrical <sup>3</sup> .....	160	39	4,034	17,008	32,841	31,079	1,749	2,416	15,651
37	Transportation equipment.....	7	27	16,871	91,838	131,675	131,955	7,257	18,054	129,097
38	Instruments and related products.....	18	9	1,650	5,608	8,311	8,627	460	1,536	6,370
39	Miscellaneous manufactures (including Ordnance).....	86	29	4,248	15,334	30,282	32,441	1,779	2,243	10,971
--	Administrative and auxiliary <sup>4</sup> .....	...	...	5,670	36,600	...	...	...	3,131	...
	WASHINGTON, TOTAL <sup>1</sup> .....	<sup>2</sup> 5,083	<sup>2</sup> 1,171	216,020	1,179,459	2,137,030	2,146,681	114,249	194,171	1,549,060
20	Food and kindred products.....	730	289	26,449	126,062	294,399	302,875	15,300	27,192	219,645
22	Textile mill products.....	18	4	673	2,294	4,293	4,260	81	594	3,203
23	Apparel and related products.....	124	41	3,499	11,614	18,237	18,565	412	3,694	19,330
24	Lumber and wood products.....	1,912	315	41,654	192,132	297,445	294,190	21,025	47,529	319,660
25	Furniture and fixtures.....	133	31	2,968	12,904	22,030	21,730	599	2,987	17,712
26	Pulp, paper and products.....	66	55	15,963	85,288	258,261	256,886	14,799	15,839	221,281
27	Printing and publishing.....	491	66	8,066	41,645	72,386	72,815	3,324	7,457	56,765
28	Chemicals and products.....	155	46	11,641	77,012	142,839	145,742	6,966	11,069	118,107
29	Petroleum and products.....	22	8	1,298	9,002	28,738	34,206	5,220	205	2,308
32	Stone, clay, and glass products <sup>3</sup> .....	243	61	5,018	27,946	51,872	54,250	4,299	3,331	26,713
33	Primary metal industries.....	76	37	10,331	63,321	181,508	166,095	16,461	12,567	161,379
34	Fabricated metal products.....	291	75	6,843	37,907	64,099	66,557	3,222	5,494	44,776
35	Machinery, except electrical <sup>3</sup> .....	324	57	5,463	30,257	52,908	54,303	2,454	5,443	39,063
36	Electrical machinery.....	55	13	929	4,751	9,124	9,131	251	823	5,741
37	Transportation equipment.....	172	37	69,684	430,926	620,852	625,388	18,733	42,986	258,463
--	Administrative and auxiliary <sup>4</sup> .....	...	...	2,811	15,202	...	...	...	1,817	...

See footnotes at end of table.

# 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR THE STATE OF MICHIGAN

See text for explanation of symbols and captions.

State	Major industry	1958									
		Establishments, number		All employees		Value added by manufacture		Capital expenditures, \$1,000	Total employment, number	Value added, \$1,000	Total value added, \$1,000
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)				
	<b>*WEST VIRGINIA, TOTAL<sup>1</sup></b>	2,909	291	11,234	593,407	1,204,407	1,413,144	104,175	12,234	60,175	60,175
20	Food and kindred products	291	1	5,433	33,399	67,317	69,224	4,964	5,433	33,399	33,399
21	Tobacco manufactures	2	2	1,093	2,320	7,396	7,390	21	1,093	2,320	2,320
22	Textile mill products	2	2	1,093	5,394	10,271	9,391	12	1,093	5,394	5,394
23	Apparel and related products	34	14	4,006	3,588	12,808	12,272	11	4,006	3,588	3,588
24	Lumber and wood products	718	63	5,855	15,195	20,872	21,773	2,324	5,855	15,195	15,195
25	Furniture and fixtures	45	15	1,261	3,840	5,842	5,840	417	1,261	3,840	3,840
27	Printing and publishing	189	26	3,657	15,241	25,324	25,597	2,131	3,657	15,241	15,241
28	Chemicals and allied products	64	34	21,131	148,757	11,111	11,111	10,123	21,131	148,757	148,757
29	Petroleum and coal products	29	9	730	3,472	6,847	6,847	603	730	3,472	3,472
31	Leather and leather goods	184	27	819	2,493	4,945	4,945	300	819	2,493	2,493
32	Stone, clay, and glass products	184	27	21,492	95,059	157,469	157,469	1,124	21,492	95,059	95,059
33	Primary metal industries	34	27	21,492	139,494	312,601	312,601	1,124	21,492	139,494	139,494
34	Fabricated metal products	35	21	7,329	25,602	58,846	58,846	4,331	7,329	25,602	25,602
35	Machinery, except electrical	112	32	4,491	22,333	36,811	36,811	2,777	4,491	22,333	22,333
36	Electrical machinery	21	9	3,279	15,652	49,474	49,474	1,734	3,279	15,652	15,652
37	Transportation equipment	15	6	1,498	8,382	13,711	13,711	800	1,498	8,382	8,382
39	Miscellaneous manufactures (including Ordnance)	36	4	1,404	4,307	6,594	6,594	191	1,404	4,307	4,307
--	Administrative and auxiliary	...	...	3,384	27,028	...	...	...	3,384	27,028	27,028
	<b>*WISCONSIN, TOTAL<sup>1</sup></b>	2,778	273	439,142	2,007,335	3,977,055	3,960,580	191,788	439,142	2,007,335	2,007,335
20	Food and kindred products	1,036	508	63,749	187,251	61,708	61,459	75,477	63,749	187,251	187,251
21	Tobacco manufactures	75	51	7,181	27,679	54,844	51,424	875	7,181	27,679	27,679
22	Textile mill products	122	70	7,088	21,707	40,940	41,517	545	7,088	21,707	21,707
23	Apparel and related products	881	141	16,660	58,553	86,577	86,708	4,588	16,660	58,553	58,553
24	Lumber and wood products	184	64	9,933	43,039	68,885	68,477	1,885	9,933	43,039	43,039
25	Furniture and fixtures	186	137	36,044	189,188	388,684	396,435	17,741	36,044	189,188	189,188
27	Printing and publishing	831	151	30,679	106,066	167,544	165,573	11,791	30,679	106,066	106,066
28	Chemicals and allied products	449	62	6,534	35,707	96,877	11,524	3,933	6,534	35,707	35,707
29	Petroleum and coal products	43	13	574	3,056	9,900	10,134	2,456	574	3,056	3,056
31	Leather and leather goods	28	10	4,335	25,548	44,788	48,567	1,010	4,335	25,548	25,548
32	Stone, clay, and glass products	140	86	16,965	65,718	111,564	111,564	1,524	16,965	65,718	65,718
33	Primary metal industries	440	78	6,337	32,565	65,980	66,877	5,887	6,337	32,565	32,565
34	Fabricated metal products	109	10	5,116	135,604	11,944	11,609	8,115	5,116	135,604	135,604
35	Machinery, except electrical	567	107	32,347	167,006	21,477	20,395	13,770	32,347	167,006	167,006
36	Electrical machinery	1,093	334	87,804	480,434	86,256	83,179	36,637	87,804	480,434	480,434
37	Transportation equipment	151	89	34,795	184,415	119,814	306,044	10,747	34,795	184,415	184,415
38	Instruments and related products	133	60	3,112	173,111	149,716	35,111	10,656	3,112	173,111	173,111
39	Administrative and auxiliary	61	21	9,642	57,485	87,229	90,710	7,111	9,642	57,485	57,485
--	Administrative and auxiliary	...	...	9,829	65,410	...	...	...	9,829	65,410	65,410
	<b>*WYOMING, TOTAL<sup>1</sup></b>	2,330	257	6,496	31,074	67,822	67,224	6,403	6,496	31,074	31,074
20	Food and kindred products	89	18	1,444	5,444	1,094	12,611	612	1,444	5,444	5,444
24	Lumber and wood products	84	11	870	3,301	4,430	4,480	934	870	3,301	3,301
27	Printing and publishing	52	9	614	7,632	4,556	4,625	221	614	7,632	7,632
29	Petroleum and coal products	16	9	2,422	17,177	36,588	32,522	4,691	2,422	17,177	17,177
32	Stone, clay, and glass products	37	7	546	2,455	5,384	5,318	443	546	2,455	2,455
--	Administrative and auxiliary	...	...	83	433	...	...	...	83	433	433

<sup>1</sup>Revised. B Withheld. See 13 Discretionary figures for individual companies.

<sup>2</sup>The "All industries, total" figures for industry, 20 up to 39, are withheld for publication. The figures for individual companies in this or one related industry are withheld for publication. The figures for individual companies in this or one related industry are withheld for publication. The figures for individual companies in this or one related industry are withheld for publication.

<sup>3</sup>Additional publishable detail will appear in the final report for the State.

<sup>4</sup>Does not include the number of administrative and auxiliary units.

<sup>5</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 39, Repair and maintenance, and are included in the 1958 Census of Manufactures. The 1954 and 1958 figures for the repair and maintenance industry are included in the 1954 and 1958 figures for the repair and maintenance industry.

<sup>6</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing establishments are also reported separately for central administrative offices and auxiliary units which service the manufacturing establishments. A separate report was made for each of these units if it was located at a different general location from the manufacturing establishment. The figures for the manufacturing establishments and the figures for the central administrative offices and auxiliaries are included in the totals for the area.





MC(P)-6  
'Preliminary'



GROUP 20

GROUP 21

GROUP 22

**GENERAL STATISTICS  
FOR INDUSTRY GROUPS  
AND SELECTED INDUSTRIES**

**1958  
Census  
of  
Manufactures**



**U.S. DEPARTMENT OF COMMERCE**

Frederick H. Mueller, Secretary

**BUREAU OF THE CENSUS**

Robert W. Burgess, Director



# BUREAU OF THE CENSUS

ROBERT W. BURGESS, Director

A. ROSS ECKLER, Deputy Director  
HOWARD C. GRIEVES, Assistant Director  
CONRAD TAEUBER, Assistant Director  
MORRIS H. HANSEN, Assistant Director for Statistical Standards  
LOWELL T. GALT, Assistant Director for Operations  
WALTER L. KEHRES, Assistant Director for Administration  
CALVERT L. DEDRICK, Chief, International Statistical Programs Office  
A. W. VON STRUVE, Acting Public Information Officer

## Industry Division

MAXWELL R. CONKLIN, Chief  
OWEN C. GRETTON, Assistant Chief

The statistics in this report will be superseded by data which will appear in the 1958 Census of Manufactures final Industry reports which, in turn, will be included in Volume II, Industry Statistics.

## SUGGESTED CITATION

U.S. Bureau of the Census. Census of Manufactures: 1958  
*General Statistics for Industry Groups and Selected Industries*  
Washington 25, D. C., 1960

For sale by the Bureau of the Census, Washington 25, D. C., or any of the Field Offices of the Department of Commerce. . . Price 25 cents.

## CONTENTS

	Page
Introduction.....	i
General Statistics for Industry Groups and Selected Industries:	
Food and kindred products.....	4
Tobacco manufactures.....	5
Textile mill products.....	5
Apparel and related products.....	5
Lumber and wood products.....	6
Furniture and fixtures.....	6
Pulp, paper and products.....	6
Printing and publishing.....	6
Chemicals and products.....	6
Petroleum and coal products.....	7
Rubber products.....	7
Leather and leather goods.....	7
Stone, clay, and glass products.....	7
Primary metal industries.....	8
Fabricated metal products.....	8
Machinery, except electrical.....	9
Electrical machinery.....	9
Transportation equipment.....	9
Instruments and related products.....	10
Miscellaneous manufactures (including ordnance).....	10





# GENERAL STATISTICS FOR INDUSTRY GROUPS AND SELECTED INDUSTRIES

This report presents a summary of the statistics which were previously published in the individual preliminary industry reports. The figures are based on the results of preliminary tabulations from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. The summary statistics shown in this report were compiled from data that were more intensively reviewed than figures appearing in summary and State reports previously issued. Therefore, there are some differences between the figures in this report and those previously issued but in most cases these differences are not statistically significant. In some industries substantial revisions were made. Included are 1958 figures on number of employees; total payroll; value added by manufacture; new capital expenditures; and number of establishments with 20 or more employees. Comparable statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. In some instances minor revisions were made to the 1954 figures. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico. Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to

be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available.

## INDUSTRY CLASSIFICATION

In the Census of Manufactures, figures are collected from each manufacturing establishment engaged in the mechanical or chemical transformation of materials into new products. A manufacturing establishment usually consists of a single physical location where such industrial operations are performed; for example, a factory, mill, or plant. Each establishment is classified in a particular industry, according to the Standard Industrial Classification system, generally on the basis of the value of the principal products it produces. As the general statistics (employment, payroll, cost of materials, value of shipments, etc.) are reported for each establishment as a whole, the aggregates of such figures for an industry reflect not only the primary production activities of the establishments classified in that industry, but also their manufacture of secondary products (regarded as primary to other industries) and receipts for their other activities (contract work on materials owned by others, repair work, etc.). The extent to which plants classified in an industry "specialize" in making products regarded as primary to that industry are shown in the preliminary industry report, and will also be included in the final reports.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the 1945 Standard Industrial Classification Manual definitions of Industries. The final industry reports will include industry statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC). In the manufacturing sector, the 1957 SIC includes extensive revisions of industry definitions.

## PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. Most of these industry reports were published in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the fall of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, have been issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication toward the end of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

## EXPLANATION OF TERMS

### All Employees:

Number. -- This item includes all production and related workers, force-account construction workers, and all nonproduction personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll. -- This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

### Production Workers:

Number. -- This number includes all workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivery), maintenance, repair, janitorial, and watchman services, product development, auxiliary production for plant's own use (e.g., power plant), record keeping, and other services closely associated with these production operations; it excludes supervisory em-

ployees above the working foreman level, force-account construction workers, and all other nonproduction personnel of manufacturing establishments.

Man-hours. -- This total includes all "plant man-hours" of production and related workers. It consists of all man-hours worked or paid for in 1958, except hours paid for vacations, holidays, or sick leave, when the employee was not at the plant. The figure includes actual overtime hours, not straight-time equivalent hours.

Wages. -- This item consists of that portion of the payroll (as defined above) paid to production workers of manufacturing establishments.

### Value Added by Manufacture:

The unadjusted value added is derived by subtracting the cost of raw materials, semi-manufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

### Value of Shipments:

This figure represents net selling value, f.o.b. plant, after discounts and allowances, of all shipments of products from manufacturing establishments of an industry in 1958, plus receipts for miscellaneous activities of such plants; it excludes freight charges and excise taxes. Products transferred to other establishments of the same company (such as

other manufacturing plants, separate sales branches, or retail dealers) are valued at the nearest approximation to the commercial selling value, f.o.b. plant, and not at the cost of production. It should be noted that, for establishments classified in a given industry, the value of shipments includes not only (a) their value of products "primary" to the industry, but also (b) their value of "secondary" products (which are primary to other industries), and (c) their "miscellaneous receipts" for repair work, sale of scrap, installation of own products, receipts for contract work, etc. Also included in the value of shipments are sales of products bought and resold in the same condition. In earlier Censuses such receipts for merchandising activities were omitted from total value of shipments.

It should be noted that a summation of industry value of shipments figures to industry group totals would result in large and unknown amounts of duplication, owing to the addition of shipments reported by related industries engaged in successive fabrication stages in the production of finished manufactured products. This duplication is not significant within individual industries, except for a few important exceptions for which value of shipments is not shown in the accompanying table.

#### Capital Expenditures, New:

This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating

manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### Establishments (plants):

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

#### Administrative and Auxiliary Units:

In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location.

GROUP 20

GROUP 21

GROUP 22



## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR INDUSTRY GROUPS AND SELECTED INDUSTRIES: 1958 AND 1954

(See text for explanation of column captions)

Code	Industry group and industry	1958										1954	
		All employees		Production workers			Value added by manufacture		Value of ship-ments	Capital expend-itures, new	No. of plants with 20 or more employ-ees*	All em-ployees, number	Value added by manu-facture, un-adjusted (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	Un-adjusted (million dollars)	Adjusted (million dollars)					
	All manufacturing establishments including administrative and auxiliary units, total....	15,949	77,729	11,629	22,836	49,320	140,318	141,208	(2)	9,123	94,908	16,108	116,829
	Operating manufacturing establishments.....	15,392	73,704	11,629	22,836	49,320	140,318	141,208	(2)	9,123	94,908	15,646	116,829
20	Food and kindred products.....	1,667	7,408	1,114	2,261	4,404	16,574	17,031	(2)	922	14,257	1,647	13,400
21	Tobacco manufactures.....	84	295	76	147	248	1,415	(2)	38	280	95	280	988
22	Textile mill products.....	919	3,016	826	1,601	2,472	5,100	5,019	(2)	220	4,683	1,037	4,749
23	Apparel and related products.....	1,168	3,238	1,020	1,837	2,736	5,904	5,962	(2)	107	12,914	1,190	5,147
24	Lumber and wood products.....	522	1,932	503	968	1,616	3,093	3,142	(2)	327	5,662	646	3,188
25	Furniture and fixtures.....	353	1,437	296	589	1,054	2,401	2,428	(2)	88	3,277	341	1,966
26	Pulp, paper and products.....	596	2,778	448	941	1,940	5,642	5,699	(2)	619	3,251	530	4,561
27	Printing and publishing.....	861	4,469	526	1,056	2,573	7,818	7,375	(2)	415	6,810	803	6,255
28	Chemicals and products.....	730	4,091	477	971	2,341	12,422	12,619	(2)	1,150	4,198	733	9,371
29	Petroleum and coal products.....	179	1,117	130	256	758	2,642	2,512	(2)	626	655	183	2,200
30	Rubber products.....	232	1,214	179	349	864	2,294	2,352	(2)	130	686	247	1,904
31	Leather and leather goods.....	342	1,211	304	556	894	1,835	1,849	(2)	31	2,159	357	3,657
32	Stone, clay, and glass products.....	592	2,545	445	891	1,930	5,435	5,500	(2)	445	4,460	492	3,822
33	Primary metal industries.....	1,073	6,186	869	1,643	4,655	11,264	11,424	(2)	1,332	3,284	1,152	9,746
34	Fabricated metal products.....	1,058	5,262	802	1,603	3,636	9,094	9,110	(2)	463	8,323	1,019	7,596
35	Machinery, except electrical....	1,549	8,379	1,095	2,162	5,361	14,568	14,328	(2)	762	7,997	1,541	12,334
36	Electrical machinery.....	1,005	5,012	718	1,425	3,090	9,192	9,114	(2)	418	3,338	959	7,403
37	Transportation equipment.....	1,480	8,678	1,085	2,172	5,753	14,783	14,463	(2)	584	2,528	1,705	13,590
38	Instruments and related products.	291	1,256	198	396	908	2,813	2,861	(2)	124	1,124	273	2,128
39	Miscellaneous manufactures (including Ordnance).....	725	3,621	518	1,032	2,109	6,032	6,483	(2)	271	4,322	696	4,473
--	Administrative and auxiliary.....	557	4,025	...	...	...	...	...	...	...	...	461	...
20	Food and kindred products <sup>a</sup> ...	1,667	7,408	1,114	2,261	4,404	16,574	17,031	(2)	922	14,257	1,647	13,400
2011	Meat packing plants.....	204	1,082	153	316	778	1,690	1,749	12,012	65	1,030	220	1,594
2013	Prepared meats.....	48	238	36	79	160	422	455	1,991	16	454	45	330
2015	Poultry dressing plants.....	56	146	30	94	119	265	276	1,713	23	322	46	206
2021	Creamery butter.....	17	65	12	27	43	146	148	1,026	15	233	21	137
2022	Natural cheese.....	15	57	13	30	45	122	123	755	11	184	14	89
2023	Concentrated milk.....	12	56	10	22	43	182	180	774	12	191	13	171
2024	Ice cream and ices.....	35	156	19	38	73	382	397	965	27	462	36	328
2025	Special dairy products.....	6	24	5	9	17	62	61	275	4	56	7	57
2027	Fluid milk and other products....	207	966	84	179	358	1,892	1,939	6,213	120	2,165	191	1,476
2031	Canned seafood.....	13	38	12	18	32	86	87	271	2	140	15	70
2032	Cured fish.....	2	8	2	3	5	11	12	792	(*)	26	2	11
2033	Canned fruits and vegetables....	123	425	107	209	330	1,109	1,125	73,003	54	965	120	830
2035	Pickles and sauces.....	23	83	18	36	59	193	200	764	15	234	22	141
2036	Packaged seafood.....	18	41	16	27	32	78	82	7307	4	227	12	46
2037	Frozen fruits and vegetables....	26	83	23	44	63	215	219	690	11	178	21	149
2041	Flour and meal.....	28	140	20	44	96	394	410	2,094	22	251	29	315
2042	Prepared animal feeds.....	57	251	38	82	151	747	799	324	5	112	60	584
2045	Cereal breakfast foods.....	11	62	9	17	44	239	242	444	8	26	12	172
2044	Rice milling.....	4	15	3	6	9	54	57	325	1	53	4	42
2045	Flour mixes.....	5	28	3	7	17	108	116	273	8	28	6	103
2051	Bread and related products.....	256	1,154	145	295	571	1,958	2,040	4,096	100	2,145	246	1,569
2052	Biscuit and crackers.....	43	174	33	66	119	499	505	952	15	179	45	408
2061	Raw cane sugar.....	3	9	3	6	11	24	21	72	2	44	3	15
2062	Cane-sugar refining.....	15	84	12	25	63	184	185	997	24	25	16	139
2065	Beet sugar.....	10	49	9	21	41	136	150	392	8	66	11	96
2071	Confectionary products.....	66	235	54	103	166	488	507	1,217	24	408	67	422
2072	Chocolate and cocoa products....	8	38	6	13	28	129	133	448	4	25	8	82
2073	Chewing gum.....	5	24	4	7	14	102	102	176	3	15	5	92
2081	Bottled soft drinks.....	96	399	39	84	129	822	834	1,492	64	1,402	92	635
2082	Beer and ale.....	72	442	48	92	280	1,114	1,114	1,983	62	224	81	1,101
2083	Malt.....	2	16	2	4	11	57	55	195	3	34	3	48
2084	Wines and brandy.....	6	29	4	9	18	132	114	(2)	7	74	3	97
2085	Distilled liquor.....	20	102	17	32	74	447	463	792	10	91	22	357
2092	Shortening and cooking oils.....	10	55	6	14	34	150	160	1,004	9	51	9	116
2095	Margarine.....	3	15	2	4	10	55	57	219	3	28	3	42
2094	Corn wet milling.....	14	79	10	22	56	246	250	529	18	26	14	177
2095	Flavorings.....	9	49	5	11	22	261	212	513	6	94	11	219
2097	Manufactured ice.....	15	54	9	20	32	106	110	156	8	173	21	115
2098	Macaroni and spaghetti.....	7	28	5	10	16	64	67	180	5	76	7	51
2099	Food preparations, n.e.c.....	86	351	61	123	206	1,109	1,105	3,862	63	853	72	806

See footnotes at end of table.



## 1950 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR INDUSTRY GROUPS AND SELECTED INDUSTRIES

(See text for explanation of column captions)

Code	Industry group and industry	1950										
		All employees		Production workers		Value added by manufacture		Total costs	Capital expenditures	Non- depreciable fixed assets	Total assets	Total liabilities
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man- hours (billions)	Wages (million dollars)	Un- adjusted (million dollars)					
21	Tobacco manufactures.....	84	235	76	1-7	240	1,415	1,415	2	2	2	2
2111	Cigarettes.....	34	142	31	62	126	1,058	1,058	2,160	2	2	2
2121	Cigars.....	23	82	27	50	70	152	152	0	0	0	0
2131	Chewing and smoking tobacco.....	6	33	5	10	17	65	65	1	1	1	1
2141	Tobacco stemming and redrying.....	15	47	13	27	35	91	90	1,170	1	1	1
22	Textile mill products <sup>a</sup> .....	919	3,016	826	1,601	2,472	5,100	5,010	2	2	2	2
2211	Scouring and combing plants.....	6	23	5	11	18	40	37	0	0	0	0
2212	Yarn mills, wool, except carpet.....	15	51	14	28	42	86	86	0	0	0	0
2213	Woolen and worsted fabrics.....	50	162	44	89	149	308	296	750	0	0	0
2216	Finishing wool textiles.....	5	18	4	8	14	36	34	144	1	1	1
2222	Yarn throwing mills.....	9	26	8	15	21	50	49	10	0	0	0
2223	Tweed mills.....	11	35	10	18	27	62	61	160	0	0	0
2224	Yarn mills, cotton system.....	76	204	72	132	181	345	342	1,108	0	0	0
2233	Cotton broad-woven fabrics.....	243	722	228	442	644	1,134	1,090	2,994	0	0	0
2234	Synthetic broad-woven fabrics.....	82	278	75	152	235	477	471	1,400	15	15	15
2241	Narrow fabric mills.....	24	85	21	43	65	141	142	0	0	0	0
2251	Full-fashioned hosiery mills.....	34	104	30	56	86	175	175	0	0	0	0
2252	Seamless hosiery mills.....	70	178	65	113	153	293	294	0	0	0	0
2253	Knit outerwear mills.....	61	205	55	98	135	337	34	0	14	495	0
2254	Knit underwear mills.....	28	81	24	45	64	132	134	0	12	674	0
2256	Knit fabric mills.....	18	74	16	33	57	132	145	0	7	121	0
2261	Finishing textiles, except wool.....	74	295	63	131	231	456	456	1,377	0	390	0
2271	Wool carpets and rugs.....	25	99	21	43	75	189	181	0	13	8	0
2273	Carpets and rugs, except wool.....	14	42	12	23	31	112	110	0	0	119	0
2274	Hard-surface floor coverings.....	6	42	7	14	34	94	93	0	0	14	0
2281	Fur-felt hats and hat bodies.....	6	25	5	9	18	37	37	0	0	0	0
2282	Wool-felt hats and hat bodies.....	2	5	2	3	4	8	8	0	0	0	0
2283	Straw hats.....	2	6	2	3	5	10	10	0	0	0	0
2284	Hatters' fur.....	1	2	1	1	2	3	3	0	0	0	0
2291	Felt goods, n.e.c.....	5	21	4	8	15	45	44	0	0	0	0
2292	Lace goods.....	7	26	6	11	20	37	34	0	0	0	0
2293	Padding and upholstery filling.....	7	30	6	12	21	56	57	140	0	0	0
2294	Processed textile waste.....	5	17	4	8	12	30	31	0	0	0	0
2295	Coated fabrics, except rubberized.....	11	56	10	20	35	103	103	0	0	0	0
2296	Cordage and twine.....	10	33	8	16	25	65	65	141	0	0	0
23	Apparel and related products <sup>a</sup> .....	1,168	3,538	1,020	1,837	2,736	5,904	5,960	0	1,000	1,000	0
2311	Men's and boys' suits and coats.....	121	404	106	184	319	635	632	1,000	0	751	113
2321	Men's dress shirts and nightwear.....	103	294	94	169	210	420	427	0	0	0	0
2322	Men's and boys' underwear.....	12	30	11	19	25	47	43	0	1	75	108
2323	Men's and boys' neckwear.....	8	27	6	11	18	47	43	0	1	11	0
2325	Men's and boys' cloth hats.....	8	23	7	13	19	34	36	0	0	104	0
2327	Separate trousers.....	51	133	47	85	108	201	204	0	0	0	0
2328	Work shirts.....	6	13	6	10	12	21	21	0	0	0	0
2329	Men's and boys' clothing, n.e.c.....	91	235	82	(NA)	130	27	0	0	0	0	0
2331	Blouses.....	46	121	41	72	96	196	190	0	0	781	47
2333	Dresses, unit-price.....	154	453	116	198	345	77	0	0	0	145	0
2334	Dresses, dozen-price.....	57	152	50	93	119	345	345	0	0	0	0
2337	Women's suits, coats, and skirts.....	83	305	70	120	227	412	400	0	0	0	0
2339	Women's outerwear, n.e.c.....	34	105	29	52	75	181	186	0	0	421	0
2341	Women's and children's underwear.....	74	200	65	118	195	348	350	0	0	780	0
2342	Corsets and allied garments.....	38	123	32	57	84	245	240	0	0	0	0
2351	Millinery.....	18	64	15	29	51	130	130	0	0	0	0
2361	Children's dresses.....	35	97	31	55	75	160	160	0	0	0	0
2363	Children's coats.....	12	41	13	25	30	67	67	0	0	139	0
2364	Robes and dressing gowns.....	12	32	10	18	25	59	59	0	0	160	0
2365	Waterproof outer garments.....	13	44	12	21	37	74	74	0	0	124	0
2366	Leather and sheep-lined clothing.....	5	16	4	7	12	27	27	0	0	0	0
2367	Belts.....	10	32	9	16	23	54	54	0	0	140	0
2371	Curtains and draperies.....	16	46	14	27	37	86	86	0	0	0	0
2382	Housefurnishings, n.e.c.....	38	116	33	63	96	217	206	0	0	480	0
2393	Textile bags.....	9	30	7	13	22	48	51	0	0	0	0
2394	Canvas products.....	10	35	8	15	24	51	51	0	0	109	0
2395	Tucking, pleating, and stitching.....	5	15	4	(NA)	13	26	26	0	0	0	0
2396	Trimings and art goods.....	17	68	13	26	49	99	99	0	0	180	0
2397	Schiffli-machine embroideries.....	6	25	5	11	21	44	44	0	0	42	0
2398	Embroideries, except Schiffli.....	7	21	7	11	18	37	37	0	0	107	0
2399	Textile products, n.e.c.....	18	61	15	28	47	107	107	0	0	240	0

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22

## GENERAL STATISTICS FOR INDUSTRY GROUPS AND SELECTED INDUSTRIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Industry group and industry	1958								1954			
		All employees		Production workers			Value added by manufacture		Value of ship-ments	Capital expendi-tures, new	No. of plants with 20 or more employ-ees <sup>a</sup>	All em-ployees, number	Value added by manufac-ture, un-adjusted (million dollars)
		Number	Payroll (million dollars)	Number	Man-hours	Wages (million dollars)	Un-adjusted (million dollars)	Adjusted (million dollars)					
									(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)
24	Lumber and wood products <sup>b</sup> .....	582	1,982	503	968	1,616	3,093	3,142	(2)	327	5,862	646	3,188
2411	Logging camps and contractors....	71	225	62	(NA)	194	386	382	861	68	551	76	390
2421	Sawmills and planing mills.....	273	850	238	462	714	1,287	1,296	3,205	138	2,713	321	1,503
2422	Veneer mills.....	13	44	12	24	37	80	80	170	4	205	13	59
2423	Shingle mills.....	3	11	2	3	9	17	17	41	1	40	3	15
2424	Cooperage stock mills.....	3	7	3	4	6	12	10	32	(*)	44	3	11
2425	Excelsior mills.....	1	4	1	2	3	7	7	13	(*)	21	1	7
2431	Millwork plants.....	61	266	50	100	195	380	405	1,035	167	711	69	375
2432	Plywood plants.....	47	202	45	87	173	309	322	728	21	252	39	246
2433	Prefabricated wood products.....	14	62	10	19	38	117	122	322	4	149	12	89
2441	Fruit and vegetable baskets.....	5	12	5	9	11	17	18	29	1	60	7	15
2444	Wooden boxes.....	29	89	26	50	72	134	138	311	4	307	40	166
2445	Cooperage.....	4	14	3	6	12	21	20	70	1	35	4	22
2491	Wood preserving.....	11	37	9	18	28	75	73	203	4	148	12	67
25	Furniture and fixtures <sup>b</sup> .....	358	1,437	296	589	1,054	2,401	2,428	(2)	88	3,277	341	1,966
2511	Wood furniture, not upholstered..	126	445	110	222	347	702	711	1,389	29	937	125	593
2512	Upholstered household furniture..	68	257	57	110	194	428	432	874	12	767	56	313
2514	Metal household furniture.....	31	125	25	49	90	219	218	499	6	271	30	191
2515	Mattresses and bedsprings.....	25	108	20	39	72	199	201	470	7	288	32	216
2521	Wood office furniture.....	6	24	5	10	18	39	39	69	1	57	6	25
2522	Metal office furniture.....	17	86	14	27	63	170	171	277	5	88	16	126
2531	Public-building furniture.....	16	69	12	26	48	108	111	206	5	143	11	87
2532	Professional furniture.....	7	36	5	11	24	58	58	104	1	50	6	38
2541	Partitions and fixtures.....	38	188	29	58	131	299	305	550	14	428	33	231
2561	Window and door screens.....	5	20	4	7	13	38	38	85	1	54	4	33
2562	Window shades.....	5	21	3	7	13	39	40	92	2	26	4	20
2563	Venetian blinds.....	6	23	5	9	16	42	43	94	1	57	9	48
26	Pulp, paper and products <sup>b</sup> .....	556	2,778	448	941	1,940	5,642	5,699	(2)	619	3,251	530	4,581
2612	Paper and paperboard mills.....	189	1,063	157	342	822	2,381	2,395	4,960	359	563	142	1,430
2613	Building paper and board mills...	20	102	17	37	85	207	213	387	23	98	16	155
2641	Paper coating and glazing.....	24	125	18	38	85	277	278	706	15	151	28	282
2651	Envelopes.....	18	84	14	29	58	136	137	270	6	145	16	101
2661	Paper bags.....	38	167	31	65	119	303	307	891	17	248	33	212
2671	Paperboard boxes.....	141	649	111	228	432	1,097	1,108	2,728	74	1,195	133	895
2674	Fiber cans, tubes, drums, etc....	11	46	9	18	35	77	77	161	8	108	12	74
2691	Die-cut paper and board.....	12	57	9	18	38	107	108	247	6	121	12	98
2693	Wallpaper.....	3	13	2	4	9	21	21	41	(NA)	29	4	19
2694	Pulp goods, pressed and molded...	4	21	4	8	16	48	50	79	2	28	3	25
2699	Paper and board products, n.e.c...	81	373	63	131	265	778	794	1,974	63	513	73	584
27	Printing and publishing.....	861	4,469	526	1,056	2,373	7,818	7,875	(2)	415	6,810	803	6,255
2711	Newspapers.....	296	1,502	155	278	780	2,331	2,331	3,648	138	1,729	281	2,135
2721	Periodicals.....	66	330	12	29	56	926	933	1,681	37	355	62	796
2731	Books, publishing and printing...	40	194	11	21	44	598	605	1,023	13	234	35	395
2732	Book printing.....	28	140	23	45	109	222	222	330	11	204	23	145
2741	Miscellaneous publishing.....	20	95	6	12	28	204	205	314	6	162	18	149
2751	Commercial printing.....	199	1,016	156	338	754	1,574	1,591	2,723	113	1,715	200	1,358
2761	Lithographing.....	98	556	74	144	381	862	872	1,473	59	1,086	78	579
2771	Greeting cards.....	22	88	15	28	50	167	177	289	5	97	21	131
2781	Bookbinding.....	18	70	16	31	56	102	105	143	5	227	17	85
2782	Blankbooks and paper ruling.....	11	48	8	16	32	82	81	136	4	109	9	48
2783	Loose-leaf binders and devices...	9	40	7	14	27	69	70	112	3	65	8	50
2789	Miscellaneous bookbinding work...	4	17	4	7	13	28	28	39	2	66	3	17
2791	Typesetting.....	18	109	14	27	86	154	155	177	7	247	15	107
2792	Engraving and plate printing.....	9	43	7	14	33	64	65	87	4	102	8	43
2793	Photoengraving.....	17	125	12	23	91	171	172	209	7	271	18	149
2794	Electrotyping and stereotyping...	7	44	5	9	32	62	63	81	2	111	8	70
28	Chemicals and products <sup>b</sup> .....	730	4,091	477	971	2,341	12,422	12,619	(2)	1,150	4,198	733	9,372
2812	Alkalies and chlorine.....	20	115	14	28	75	300	304	504	28	32	20	251
2819	Inorganic chemicals, n.e.c.....	85	523	55	112	310	1,358	1,373	2,567	113	252	*90	*397
2821	Cyclic (coal-tar) crudes.....	2	12	2	3	9	30	30	116	4	23	2	22
2822	Intermediates and organic colors...	26	155	18	35	97	370	368	809	73	87	33	362
2823	Plastics materials.....	51	310	36	74	191	867	869	1,848	142	195	41	583

See footnotes at end of table.

## 1956 CENSUS OF MANUFACTURES

## GENERAL STATISTICS FOR INDUSTRY GROUPS AND SELECTED INDUSTRIES: 1956 AND 1947-50

(See text for explanation of column captions)

Code	Industry group and industry	1956										1947-50			
		All employees		Production workers			Value added by manufacture		Value of ship- ments	Capital expendi- ture, new	Total public utilities and transportation	All employ- ees	Production workers	Value added by manu- facture	Ship- ments
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man- hours (millions)	Wages (million dollars)	Un- adjusted (million dollars)	Adjusted (million dollars)							
28	Chemicals and products <sup>a</sup> -- Continued														
2824	Synthetic rubber.....	9	61	6	13	38	199	199	570	10	17	61	14	14	14
2825	Synthetic fibers.....	61	116	45	89	204	850	855	1,221	71	11	61	14	14	14
2826	Explosives.....	15	30	11	20	51	13	138	228	13	50	13	14	14	14
2829	Organic chemicals, n.e.c.....	79	516	55	106	317	1,694	1,695	3,158	113	195	79	14	14	14
2831	Biological products.....	4	16	3	5	17	57	39	64	1	15	4	14	14	14
2833	Medicinal chemicals, including botanicals.....	10	65	7	14	35	168	175	321	34	47	12	14	14	14
2834	Pharmaceutical preparations.....	82	465	45	92	204	1,861	1,864	2,967	66	116	77	14	14	14
2841	Soap and glycerin.....	21	124	14	29	78	642	656	1,211	13	77	26	14	14	14
2842	Cleaning and polishing products..	21	123	11	21	46	435	435	800	1	35	18	14	14	14
2843	Sulfonated oils and assistants...	2	12	1	2	5	25	26	6	1	1	1	14	14	14
2851	Paints and varnishes.....	57	313	32	66	145	734	736	1,037	39	177	14	14	14	14
2852	Inorganic color pigments.....	12	63	8	16	42	242	247	421	10	56	14	14	14	14
2853	Paints and fillers.....	1	5	1	2	3	17	18	35	1	1	1	14	14	14
2861	Hardwood distillation.....	2	6	2	3	5	1	11	21	1	12	1	14	14	14
2862	Softwood distillation.....	4	17	3	6	13	50	52	107	3	13	1	14	14	14
2863	Gun naval stores.....	(*)	1	(*)	1	1	4	4	15	(*)	1	1	14	14	14
2871	Fertilizers.....	31	123	22	46	81	288	312	1,056	37	40	36	28	28	28
2872	Fertilizers, mixing only.....	1	1	1	1	1	1	1	1	1	1	1	14	14	14
2881	Cottonseed oil mills.....	8	31	6	16	20	69	62	42	1	162	14	14	14	14
2882	Linseed oil mills.....	1	6	1	2	5	20	18	110	1	1	1	14	14	14
2883	Soybean oil mills.....	8	42	6	13	27	133	13	1,078	15	13	1	14	14	14
2886	Grease and tallow.....	12	58	9	20	39	121	124	326	9	103	11	14	14	14
2887	Fatty acids.....	2	10	1	2	6	21	21	67	3	12	1	14	14	14
2891	Printing ink.....	8	45	5	11	26	103	103	223	3	93	8	14	14	14
2893	Toilet preparations.....	29	134	18	37	66	667	688	1,046	14	181	25	42	42	42
2894	Gum and gelatin.....	7	36	4	9	21	83	84	194	8	77	7	14	14	14
2895	Carbon black.....	3	13	3	6	15	74	74	122	3	34	3	14	14	14
2896	Compressed and liquefied gases...	10	56	6	13	30	156	173	276	3	174	10	11	11	11
2897	Insecticides and fungicides.....	6	30	4	8	15	71	80	271	5	37	6	14	14	14
2899	Chemical products, n.e.c.....	26	141	15	31	65	413	432	903	25	259	21	26	26	26
29	Petroleum and coal products <sup>a</sup> ..	179	1,117	130	256	758	2,642	2,512	(2)	620	695	147	3,203	3,203	3,203
2911	Petroleum refining.....	146	945	107	208	648	2,261	2,112	14,535	61	313	154	1,901	1,901	1,901
2921	Paving mixtures and blocks.....	8	42	6	12	28	109	112	264	10	92	4	50	50	50
2922	Roofing felts and coatings.....	16	77	12	24	54	150	159	463	7	149	16	149	149	149
2923	Lubricants, n.e.c.....	7	42	4	9	20	97	101	279	7	80	8	14	14	14
30	Rubber products.....	232	1,214	179	349	864	2,294	2,352	(2)	13	636	247	1,334	1,334	1,334
3011	Tires and inner tubes.....	87	511	68	130	382	1,114	1,155	2,520	71	35	93	445	445	445
3021	Rubber footwear.....	20	86	15	34	69	147	150	449	3	70	14	14	14	14
3031	Reclaimed rubber.....	2	12	2	3	9	21	21	59	1	14	3	14	14	14
3099	Rubber industries, n.e.c.....	122	606	91	182	404	1,012	1,026	1,954	55	591	133	277	277	277
31	Leather and leather goods <sup>a</sup> ...	342	1,121	304	556	894	1,837	1,844	(2)	71	1,159	357	1,017	1,017	1,017
3111	Leather tanning and finishing....	37	165	32	63	133	277	276	742	1	48	43	264	264	264
3121	Industrial leather belting.....	4	13	3	5	11	35	35	86	1	31	5	14	14	14
3131	Footwear cut stock.....	18	58	15	29	44	94	96	250	1	257	20	14	14	14
3141	Footwear, except rubber.....	215	661	194	348	941	1,073	1,031	2,042	14	890	219	341	341	341
3142	House slippers.....	11	36	10	18	28	56	59	110	1	94	11	14	14	14
3151	Leather dress gloves.....	4	11	4	6	8	16	17	734	(*)	40	4	14	14	14
3152	Leather work gloves.....	2	5	2	3	4	8	9	119	(*)	19	2	10	10	10
3161	Luggage.....	16	54	14	25	40	95	95	185	1	124	16	89	89	89
3171	Handbags and purses.....	22	69	20	38	55	111	111	254	1	261	22	14	14	14
3172	Small leather goods.....	8	25	6	12	17	42	43	94	1	67	7	14	14	14
32	Stone, clay, and glass products.....	552	2,545	445	891	1,920	5,435	5,500	(2)	445	4,440	2,490	2,490	2,490	2,490
3211	Flat glass.....	21	134	18	46	111	269	263	385	12	51	25	14	14	14
3221	Glass containers.....	55	260	49	95	218	326	324	864	31	124	37	14	14	14
3229	Pressed and blown glass, n.e.c....	37	179	30	59	131	218	215	449	11	4	42	14	14	14
3231	Products of purchased glass.....	22	102	18	36	77	226	221	442	16	324	22	193	193	193
3241	Cement, hydraulic.....	41	214	35	70	170	716	723	1,073	101	173	40	549	549	549
3251	Brick and hollow tile.....	31	124	27	50	98	197	198	289	15	431	32	189	189	189
3253	Floor and wall tile.....	12	51	10	21	40	96	98	137	3	58	11	71	71	71

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22

## GENERAL STATISTICS FOR INDUSTRY GROUPS AND SELECTED INDUSTRIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Industry group and industry	1958										1954	
		All employees		Production workers			Value added by manufacture		Value of shipments (million dollars)	Capital expenditures, new (million dollars)	No. of plants with 20 or more employees	All employees, number (1,000)	Value added by manufacture, unadjusted (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	Un-adjusted (million dollars)	Adjusted (million dollars)					
32	Stone, clay, and glass products <sup>a</sup> --Continued												
3254	Sewer pipe.....	10	40	9	16	32	68	66	97	5	67	10	55
3255	Clay refractories.....	12	59	10	18	45	105	104	162	8	115	14	89
3261	Vitreous plumbing fixtures.....	10	50	8	16	40	89	88	143	2	45	9	77
3262	Vitreous-china food utensils.....	8	30	6	12	22	42	42	52	1	24	8	35
3265	Earthenware food utensils.....	9	28	8	12	24	35	34	49	1	26	14	50
3264	Porcelain electrical supplies....	9	42	7	15	31	66	66	97	4	44	10	55
3271	Concrete products.....	70	305	54	113	206	569	590	1,153	67	967	60	396
3272	Gypsum products.....	11	57	9	21	45	217	220	362	9	62	11	162
3273	Ready-mixed concrete.....	61	298	44	90	200	658	659	1,658	73	950	( <sup>3</sup> )	( <sup>3</sup> )
3274	Lime.....	7	33	6	13	26	73	73	131	6	77	8	57
3275	Mineral wool.....	12	59	9	19	43	151	152	239	12	62	10	90
3281	Cut-stone and stone products.....	21	84	17	34	64	127	130	208	8	246	22	120
3291	Abrasive products.....	24	128	16	31	76	279	279	492	21	151	22	192
3292	Asbestos products.....	21	106	17	35	80	251	255	454	13	80	22	180
3295	Gaskets and asbestos insulations.	13	65	10	20	41	100	105	188	5	98	13	84
3295	Minerals: ground or treated.....	7	37	6	12	27	99	99	187	6	98	8	90
3297	Nonclay refractories.....	8	44	7	12	32	109	108	195	8	71	9	78
3299	Nonmetallic mineral products, n.e.c.....	4	15	3	5	9	28	29	61	1	39	4	30
33	Primary metal industries <sup>a</sup> ....	1,073	6,186	869	1,643	4,635	11,264	11,424	( <sup>2</sup> )	1,382	3,284	1,152	9,746
3312	Blast furnaces and steel mills....	513	3,192	418	768	2,422	5,947	6,065	( <sup>2</sup> )	951	263	554	3,015
3313	Electrometallurgical products....	12	67	9	17	45	163	164	370	19	35	11	115
3321	Gray-iron foundries.....	112	530	96	178	418	808	808	1,431	33	844	134	846
3322	Malleable-iron foundries.....	20	99	16	31	76	126	125	211	4	73	23	135
3323	Steel foundries.....	49	254	40	74	187	391	384	596	19	216	35	358
3331	Primary copper.....	15	76	12	24	61	165	161	( <sup>2</sup> )	15	29	15	164
3332	Primary lead.....	4	18	3	6	14	24	36	( <sup>2</sup> )	1	13	4	31
3333	Primary zinc.....	9	44	7	14	34	67	72	209	13	20	10	88
3334	Primary aluminum.....	17	112	13	28	83	397	384	809	85	20	21	264
3341	Secondary nonferrous metals.....	15	76	11	22	48	150	149	716	5	151	15	135
3351	Copper rolling and drawing.....	41	228	33	65	170	447	458	1,267	31	90	42	421
3352	Aluminum rolling and drawing.....	42	246	33	68	180	442	474	1,375	79	112	37	340
3361	Nonferrous foundries.....	63	322	52	102	240	471	475	886	22	639	73	477
3391	Iron and steel forgings.....	36	213	29	54	158	320	309	670	13	186	40	304
3392	Wire drawing.....	54	302	42	83	214	568	578	1,478	39	161	55	466
3393	Welded and heavy-ribbed pipe....	23	130	18	36	98	255	254	691	14	98	22	204
3399	Primary metal industries, n.e.c....	28	162	22	42	113	288	284	752	22	235	25	210
34	Fabricated metal products <sup>a</sup> ....	1,038	5,262	802	1,603	3,636	9,094	9,110	( <sup>2</sup> )	465	8,323	1,019	7,596
3411	Tin cans and other tinware.....	55	306	47	95	251	655	670	1,832	38	193	55	422
3421	Cutlery.....	12	52	9	18	35	128	125	179	2	73	15	138
3422	Edge tools.....	7	31	5	10	22	55	54	85	2	75	7	48
3423	Hand tools, n.e.c.....	21	99	16	31	68	182	185	318	6	165	23	162
3425	Handsaws and saw blades.....	6	28	4	8	19	54	54	88	1	39	7	53
3429	Hardware, n.e.c.....	89	437	68	135	304	756	765	1,358	26	460	88	640
3431	Plumbing fixtures and fittings....	28	140	23	44	105	241	244	476	12	129	31	241
3439	Heating and cooking equipment, n.e.c.....	68	339	50	100	220	640	615	1,397	20	405	75	588
3441	Structural and ornamental work..	137	749	102	206	492	1,264	1,250	2,873	55	1,175	116	910
3442	Metal doors, sash, and trim.....	54	257	40	82	162	429	439	971	17	515	43	355
3443	Boiler shop products.....	81	442	59	117	292	705	682	1,497	43	515	74	579
3444	Sheet-metal work.....	58	308	44	87	210	491	515	1,076	23	696	50	380
3461	Vitreous-enamelled products.....	6	27	5	9	20	40	41	80	2	33	7	37
3463	Metal stampings.....	119	614	94	192	435	992	994	1,996	51	1,008	128	924
3471	Lighting fixtures.....	47	215	36	73	144	398	397	825	14	428	45	324
3481	Nails and spikes.....	3	12	2	5	9	23	23	43	1	34	3	18
3489	Wirework, n.e.c.....	55	259	44	87	183	438	436	867	19	552	60	412
3491	Metal barrels, drums, and pails..	9	50	7	14	36	91	92	243	4	70	11	86
3492	Safes and vaults.....	4	16	2	5	11	40	40	60	1	13	3	29
3493	Steel springs.....	6	29	4	8	21	45	44	106	1	42	7	50
3494	Bolts, nuts, washers, and rivets..	54	288	41	82	195	505	507	885	45	285	54	412
3495	Screw-machine products.....	52	157	26	53	115	255	256	453	14	422	35	247
3496	Collapseable tubes.....	4	16	3	7	12	26	25	45	2	20	4	22
3497	Metal foil.....	8	45	6	12	30	59	57	279	7	46	7	65

See footnotes at end of table.



1938 CENSUS OF MANUFACTURES  
GENERAL STATISTICS FOR INDUSTRY GROUPS AND SELECTED INDUSTRIES  
See text for explanation of column symbols

Code	Industry group and industry	1937									
		All employees		Production workers			Value added by manufacture		Value of shipments	Total cost of materials	Total cost of purchased services
		Number	Payroll	Number	Man- hours	Wages	Un- adjusted	Adjusted			
		(1,000)	(million dollars)	(1,000)	(millions of hours)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
35	Machinery, except electrical <sup>a</sup>	1,509	5,777	1,405	4,104	1,760	14,560	14,560	21	1,405	1,405
3511	Steam engines and turbines.....	11	349	27	77	158	947	208	1	1	1
3519	Internal combustion engines.....	32	438	37	74	192	50	210	1	1	1
3521	Tractors.....	60	212	44	41	115	7	773	1,630	16	16
3522	Farm machinery (except tractors)...	76	271	50	114	248	67	67	1,050	1	1
3523	Construction and mining machinery	3	446	57	111	1	301	774	1,000	16	16
3524	Oil-field machinery and tools.....	32	127	11	42	13	7	137	500	14	14
3525	Machine tools.....	54	207	27	71	180	474	442	1,000	14	14
3526	Metallworking machinery.....	58	207	35	74	140	504	477	1,000	14	14
3527	Special dies and tools.....	71	401	9	NA	75	660	100	1,000	14	14
3528	Metallworking machinery attach- ments.....	41	210	29	57	144	74	147	1,000	14	14
3529	Food-products machinery.....	1	151	12	37	36	267	100	1,000	14	14
3530	Textile machinery.....	54	154	26	51	104	114	117	1,000	14	14
3531	Woodworking machinery.....	1	69	1	16	7	112	112	1,000	14	14
3532	Paper-industries machinery.....	16	87	11	28	50	107	124	1,000	14	14
3533	Printing-trades machinery.....	11	100	15	7	7	191	1	1,000	14	14
3534	Special-industry machinery, n.e.c.	51	379	34	69	163	472	43	1,000	14	14
3535	Pumps and compressors.....	61	423	30	75	111	470	545	1,121	14	14
3536	Elevators and escalators.....	10	56	0	12	31	123	105	137	14	14
3537	Conveyors.....	31	175	19	39	94	50	188	574	11	11
3538	Blowers and fans.....	16	80	11	21	49	141	141	104	14	14
3539	Industrial trucks and tractors...	15	76	1	10	43	125	117	100	14	14
3540	Power-transmission equipment.....	49	267	25	69	172	473	467	1,000	14	14
3541	Industrial furnaces and ovens....	7	51	5	1	23	51	47	100	14	14
3542	Mechanical stokers.....	1	4	1	1	1	6	1	100	14	14
3543	Computing and related machines...	82	400	51	101	274	575	507	1,117	14	14
3544	Typewriters.....	20	84	16	40	64	167	167	200	11	11
3545	Scales and balances.....	6	2	4	7	10	27	28	30	11	11
3546	Office and store machines, n.e.c.	23	118	17	33	74	106	106	100	11	11
3547	Domestic laundry equipment.....	25	134	18	36	90	112	744	100	11	11
3548	Laundry and dry-cleaning machinery	6	4	4	9	4	07	117	100	11	11
3549	Sewing machines.....	1	48	7	13	37	61	61	11	11	11
3550	Vacuum cleaners.....	6	23	4	10	10	21	10	100	11	11
3551	Refrigeration machinery.....	112	275	1	16	1	77	1,111	111	11	11
3552	Measuring and dispensing pumps...	6	13	4	7	17	17	65	111	11	11
3553	Valves and fittings, except plumbing.....	75	402	55	108	264	730	710	1,240	11	11
3554	Fabricated pipe and fittings.....	15	83	11	22	55	140	140	100	11	11
3555	Ball and roller bearings.....	46	241	36	67	164	418	650	100	11	11
3556	Industrial patterns and molds....	22	135	19	33	110	100	100	100	11	11
36	Electrical machinery <sup>b</sup> .....	1,305	5,442	713	1,425	3,09	1,140	1,110	21	1,305	1,305
3611	Wiring devices and supplies.....	35	35	58	74	159	470	470	100	11	11
3612	Carbon and graphite products.....	9	46	7	13	31	40	1	100	11	11
3613	Electrical measuring instruments...	43	47	11	67	14	414	404	100	11	11
3614	Motors and generators.....	94	490	65	129	307	846	817	1,000	11	11
3615	Transformers.....	25	186	23	47	10	433	40	100	11	11
3616	Electrical control apparatus.....	80	427	54	117	28	860	1,111	100	11	11
3617	Electrical welding apparatus.....	10	61	0	17	22	111	11	100	11	11
3618	Electrical appliances.....	40	187	30	58	120	40	70	100	11	11
3619	Insulated wire and cable.....	17	82	13	27	57	140	10	100	11	11
3620	Engine electrical equipment.....	40	202	31	67	141	354	304	100	11	11
3621	Electric lamps (bulbs).....	22	95	18	35	74	10	470	100	11	11
3622	Radio and related products.....	308	1,509	216	431	822	1,306	1,306	1,000	11	11
3623	Electronic tubes.....	92	418	73	NA	10	74	204	1,111	11	11
3624	Phonograph records.....	7	53	6	12	24	10	10	100	11	11
3625	Telephone and telegraph equipment	85	457	59	117	297	740	724	100	11	11
3626	Storage batteries.....	15	77	12	27	55	107	107	100	11	11
3627	Primary batteries.....	1	4	0	1	1	1	1	100	11	11
3628	X-ray and therapeutic apparatus...	3	51	2	6	14	54	1	100	11	11
37	Transportation equipment <sup>c</sup> .....	1,400	1,078	1,200	1,114	1,000	10,000	10,000	100	1,400	1,400
3711	Truck and bus bodies.....	40	91	19	71	07	140	140	100	11	11
3712	Truck trailers.....	16	78	1	30	07	100	100	100	11	11
3713	Automobile trailers.....	21	1	1	30	07	100	100	100	11	11
3714	Motor vehicles and parts.....	252	2,346	204	1,100	1,000	10,000	10,000	100	1,400	1,400
3715	Aircraft.....	279	2,346	204	1,100	1,000	10,000	10,000	100	1,400	1,400
3716	Aircraft engines.....	15	26	1	10	07	100	100	100	11	11
3717	Aircraft propellers.....	10	26	1	10	07	100	100	100	11	11
3718	Aircraft equipment, n.e.c.....	133	26	111	07	07	100	100	100	11	11
3719	Ship building and repairing.....	114	666	1	07	07	100	100	100	11	11
3720	Boat building and repairing.....	25	101	1	07	07	100	100	100	11	11
3721	Locomotives and parts.....	15	20	11	11	09	174	100	100	11	11
3722	Railroad and street cars.....	24	121	1	07	07	100	100	100	11	11
3723	Motorcycles and bicycles.....	77	1	1	1	1	100	100	100	11	11

See footnotes at end of table.

GROUP 20

GROUP 21

GROUP 22



## 1958 CENSUS OF MANUFACTURES

10

GENERAL STATISTICS FOR INDUSTRY GROUPS AND SELECTED INDUSTRIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Industry group and industry	1958										1954	
		All employees		Production workers			Value added by manufacture		Value of shipments	Capital expenditures, new	No. of plants with 20 or more employees <sup>1</sup>	All employees, number	Value added by manufacture, unadjusted (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	Unadjusted (million dollars)	Adjusted (million dollars)					
38	Instruments and related products.....	291	1,556	198	396	908	2,813	2,881	(*)	124	1,124	273	2,128
3811	Scientific instruments.....	64	382	40	82	212	564	575	946	25	176	45	357
3821	Mechanical measuring instruments.....	73	376	49	97	213	692	698	1,061	24	265	69	543
3831	Optical instruments and lenses.....	7	38	5	13	24	61	63	109	3	58	9	57
3841	Surgical and medical instruments.....	9	37	7	14	25	67	73	110	2	66	7	42
3842	Surgical appliances and supplies.....	25	120	17	33	65	257	273	502	10	153	24	179
3843	Dental equipment and supplies.....	7	35	5	10	21	68	72	116	2	55	7	51
3851	Ophthalmic goods.....	18	71	15	30	53	131	136	194	5	103	18	110
3861	Photographic equipment.....	61	376	39	76	207	779	808	1,223	47	158	63	590
3871	Watches and clocks.....	24	108	18	37	72	174	165	335	5	66	26	179
3872	Watchcases.....	3	13	2	4	9	20	18	34	(*)	24	4	20
39	Miscellaneous manufactures (including Ordnance) <sup>2</sup> .....	725	3,621	518	1,032	2,109	6,032	6,483	(*)	271	4,822	696	4,473
3911	Jewelry (precious metal).....	21	95	16	31	60	181	187	326	3	184	23	146
3912	Jewelers' findings.....	5	21	4	8	14	33	34	72	1	55	5	31
3913	Lapidary work.....	2	8	2	3	6	16	15	41	(*)	19	2	11
3914	Silverware and plated ware.....	14	62	11	22	48	111	110	196	2	87	17	110
3921	Pianos.....	6	27	5	9	20	38	37	80	1	22	6	32
3932	Organs.....	2	10	2	4	8	20	19	56	1	19	2	9
3933	Piano and organ parts.....	3	16	3	6	12	31	31	47	1	23	3	25
3939	Musical instruments, n.e.c.....	5	22	4	7	16	32	33	54	1	38	5	27
3941	Games and toys, n.e.c.....	42	147	25	67	134	276	282	550	16	358	38	208
3942	Dolls.....	14	44	12	23	34	76	77	162	5	162	15	66
3943	Children's vehicles.....	5	21	4	8	16	33	33	73	1	34	6	36
3949	Sporting and athletic goods.....	38	148	30	56	104	300	313	578	10	300	29	138
3951	Pens and mechanical pencils.....	11	45	8	16	27	89	88	146	4	64	11	84
3952	Lead pencils and crayons.....	5	19	3	7	11	36	36	73	2	35	5	29
3953	Hand stamps and stencils.....	5	25	4	7	16	38	40	60	1	70	6	32
3954	Artists' materials.....	2	7	1	3	4	12	12	25	(*)	21	2	12
3955	Carbon paper and inked ribbons.....	6	27	4	8	14	55	57	121	3	60	5	38
3961	Costume jewelry.....	29	85	21	41	83	135	137	233	6	255	28	129
3962	Artificial flowers.....	7	19	6	11	14	33	35	69	1	102	7	29
3963	Buttons.....	6	22	6	10	16	37	38	69	1	87	8	37
3964	Needles, pins, and fasteners.....	18	70	14	27	48	126	125	221	4	128	23	122
3971	Plastics products, n.e.c.....	113	422	90	182	377	879	895	1,816	76	1,140	92	589
3981	Brooms and brushes.....	17	66	14	27	44	117	139	284	4	181	17	92
3983	Matches.....	5	21	4	9	16	41	42	84	1	20	6	35
3984	Candles.....	3	9	2	4	5	18	18	34	(*)	25	3	16
3985	Fireworks and pyrotechnics.....	2	6	1	3	4	10	10	17	(*)	20	3	12
3986	Jewelry and instrument cases.....	6	22	5	10	15	32	33	60	1	60	8	38
3987	Lamp shades.....	4	11	3	6	9	19	19	34	1	50	5	21
3988	Morticians' goods.....	17	74	14	29	51	125	129	238	6	219	17	92
3992	Furs, dressed and dyed.....	3	17	2	4	13	21	22	27	(*)	31	3	24
3993	Signs and advertising displays.....	36	173	28	55	119	274	279	457	13	499	34	217
3995	Umbrellas, parasols, and canes.....	3	10	3	5	8	15	16	36	(*)	43	3	15
3997	Soda-fountain and bar equipment.....	1	5	1	1	3	9	9	18	(*)	11	1	11

\*Less than \$500 thousand.

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

<sup>1</sup>Except for Number of plants with 20 or more employees, the figures shown on the table are based on reports for all establishments (including those with less than 20 employees) classified in the particular industry.<sup>2</sup>This figure has been omitted because it contains extensive duplication. See Introduction.<sup>3</sup>The 1958 Census of Manufactures figures include establishments engaged in manufacturing Portland cement concrete manufactured and delivered to a purchaser in a plastic and unhardened state. For 1954, this type of establishment was not classified in manufacturing but was included in the 1954 Census of Business.<sup>4</sup>Industry 3599, Machine shops includes for 1958 establishments that were engaged exclusively or almost exclusively in repair work. For 1954, this type of establishment was not classified in manufacturing but was included in the 1954 Census of Business.<sup>5</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.<sup>6</sup>The figures shown for each industry group includes data for all its component industries, regardless of whether or not separate figures are shown for the individual industries. Separate statistics for all industries will be published in the final Census of Manufactures reports.<sup>7</sup>Represents value of production instead of value of shipments.<sup>8</sup>Represents value of receipts instead of value of shipments.<sup>9</sup>This figure was not adjusted for inventory change during the year because establishments in this industry report value of work done.<sup>10</sup>Represents value of work done instead of value of shipments.

USCOM--DC

GROUP 21

GROUP 22

GROUP 20



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-20A-1

### POULTRY DRESSING PLANTS

(Industry Code 2015—SIC system in use through 1957)

Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in Poultry Dressing Plants shipped products valued at \$1,713 million, an increase of 28 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 22 percent from 1954 to 1958 to a total of 56.2 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$276 million in 1958, an increase of 33 percent from 1954 when the previous census was taken. Adjusted value added is derived by

subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR POULTRY DRESSING PLANTS IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2015)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	56.2	46.2	+22
Payroll.....	Million dollars...	145.6	104.7	+39
Production workers:				
Number.....	Thousands.....	50.3	41.6	+21
Man-hours.....	Millions.....	93.8	79.5	+18
Payroll.....	Million dollars...	119.2	86.5	+38
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	265.0	206.2	+28
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	276.1	207.4	+33
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	1438.8	1120.7	+28
Value of shipments <sup>5</sup> .....	..do.....	1712.9	1332.2	+28
Capital expenditures, new.....	..do.....	22.6	10.8	+109
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	522	493	+6

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

GROUP 21

GROUP 22

Poultry Dressing Plants include establishments engaged primarily in killing, dressing, and packing poultry, rabbits, and other small game for their own account or on a contract basis. Statistics for poultry and small game killed and dressed at farms, hatcheries, frozen food lockers, and wholesale and retail establishments are not included in this report. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Poultry Dressing Plants consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified as Poultry Dressing Plants amounted to \$1,713 million. Of this total, \$1,506 million were products primary to the industry, \$84 million were products primary to other industries, and \$123 million were receipts for miscellaneous activities. The industry shipments of primary

products represented 95 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 96 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,555 million of dressed poultry products were shipped by all producers of these products. Of this total, \$1,506 million, or 97 percent were shipped by plants classified in Industry 2015, Poultry Dressing Plants, while the remainder was shipped by plants classified in other industries.

### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR POULTRY DRESSING PLANTS (S.I.C. CODE 2015) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)	(\$1,000)	(\$1,000)			(\$1,000)
United States, total.....	56,242	145,555	50,328	93,750	119,234	265,023	276,143	1,712,949	22,574	522	46,173	206,175
New England.....	2,957	8,430	2,670	5,287	7,373	17,342	17,022	103,795	596	23	2,068	12,030
Maine.....	1,467	4,144	1,329	2,828	3,745	9,006	8,999	53,870	170	7	875	5,840
Massachusetts.....	501	1,558	438	885	1,251	4,008	3,784	17,834	117	4	661	3,061
Connecticut.....	557	1,644	505	914	1,419	2,463	2,466	19,537	77	7	328	2,090
Middle Atlantic.....	3,724	10,904	3,195	6,514	8,439	19,317	19,524	121,122	1,249	40	3,226	15,706
New York.....	1,158	3,392	999	2,041	2,678	6,943	6,753	39,460	312	15	1,079	5,669
New Jersey.....	449	1,300	403	746	1,046	2,122	2,231	11,672	152	7	298	1,357
Pennsylvania.....	2,117	6,212	1,793	3,727	4,715	10,252	10,540	69,990	785	18	1,849	8,679
East North Central.....	6,370	17,389	5,573	10,477	13,748	28,313	30,066	187,928	3,987	65	5,291	24,144
Ohio.....	1,433	3,996	1,239	2,384	3,095	6,340	6,708	45,223	876	20	1,352	8,341
Indiana.....	1,700	4,925	1,430	2,742	3,669	10,284	10,468	53,156	1,256	17	1,269	5,439
Illinois.....	1,642	4,209	1,494	2,727	3,547	5,164	5,759	37,491	833	12	1,381	4,912
Michigan.....	435	1,072	400	614	948	2,061	2,151	10,714	439	5	500	2,716
Wisconsin.....	1,160	3,187	1,010	2,010	2,489	4,264	4,980	41,344	583	11	788	2,735
West North Central.....	7,779	19,878	7,081	12,962	16,668	31,421	36,199	223,655	3,100	78	7,571	32,057
Minnesota.....	2,407	5,516	2,247	3,805	4,801	8,414	7,834	68,787	1,312	17	1,953	8,518
Iowa.....	1,350	3,434	1,202	2,338	2,851	5,342	5,842	39,817	551	19	2,149	10,072
Missouri.....	1,427	3,310	1,283	2,260	2,667	5,250	6,218	44,389	505	21	1,434	6,087
Nebraska.....	1,887	5,743	1,726	3,335	4,829	9,040	12,785	47,579	418	10	1,284	4,677
Kansas.....	557	1,489	490	978	1,201	3,139	3,152	17,491	200	8	453	1,247
South Atlantic.....	16,029	39,036	14,484	26,708	31,628	73,314	75,819	504,970	6,948	119	12,450	53,897
Delaware.....	1,249	3,654	1,099	2,183	2,904	4,802	4,973	49,754	585	8	1,492	5,949
Maryland.....	1,732	4,690	1,566	3,035	3,927	10,646	10,569	58,764	466	9	1,969	10,182
Virginia.....	2,130	5,019	2,026	3,759	4,424	8,416	9,235	56,904	628	18	2,179	8,780
North Carolina.....	3,535	7,824	3,188	5,482	6,307	15,311	15,685	104,483	2,584	38	2,026	8,425
South Carolina.....	336	610	287	422	472	1,369	1,365	8,053	213	7	198	1,075
Georgia.....	6,306	15,365	5,697	10,653	12,255	30,330	31,791	205,630	2,171	30	3,930	16,759
Florida.....	515	1,213	420	742	805	1,660	1,440	14,395	197	6	270	839
East South Central.....	5,624	13,080	5,092	9,840	11,198	24,489	25,658	167,407	2,013	42	3,416	12,036
Tennessee.....	530	1,501	473	1,004	1,193	3,766	3,917	19,538	254	4	507	1,755
Mississippi.....	1,894	4,097	1,745	3,261	3,479	8,302	8,536	57,730	442	16	1,295	4,634
West South Central.....	8,017	18,402	7,263	13,267	15,550	38,441	39,751	225,124	2,264	81	6,540	25,873
Arkansas.....	3,098	7,749	2,912	5,739	6,953	13,729	14,471	80,450	1,030	23	2,500	9,200
Louisiana.....	663	1,268	591	933	1,055	4,308	4,330	20,114	278	8	236	942
Oklahoma.....	543	1,629	472	1,010	1,283	3,487	3,832	21,404	130	5	640	2,522
Texas.....	3,713	7,756	3,288	5,585	6,259	16,917	17,118	103,116	826	45	3,162	13,207
Mountain.....	1,281	3,638	1,007	1,618	2,437	6,933	4,948	32,154	442	14	800	1,461
Colorado.....	537	2,172	316	615	1,123	3,785	1,286	16,569	341	5	297	544
Utah.....	543	1,034	513	725	955	1,964	2,398	10,203	46	6	441	663
Pacific.....	4,461	14,798	3,963	7,077	12,193	25,453	27,156	146,794	1,975	60	4,809	28,967
Washington.....	743	2,656	656	1,256	2,259	4,343	4,423	22,817	116	10	717	3,478
Oregon.....	573	1,916	531	993	1,716	2,812	3,120	16,922	459	8	662	3,515
California.....	3,145	10,226	2,776	4,828	8,218	18,298	19,613	107,055	1,400	42	3,430	21,973

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this case limited industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable data will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF DRESSED POULTRY SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified as Poultry Dressing Plants Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)
2015---	Poultry dressing plants, total <sup>1</sup> .....	xxx	1,555,198	xxx	1,161,786
20151--	Hens and young chickens.....	xxx	1,177,863	xxx	899,317
	New York dressed (dressed weight).....	791,276	203,823	841,149	248,139
	Eviscerated or drawn (eviscerated weight).....	...	...	...	...
2015115	Hens (or fowl) and other chickens.....	...	...	...	...
2015135	Young chickens.....	3,112,624	918,967	1,764,710	651,178
2015100	Hens (or fowl) and young chickens, not specified by kind.....	xxx	55,072	...	...
20153--	Turkeys.....	xxx	255,596	xxx	203,836
2015311	New York dressed (dressed weight).....	91,222	30,850	111,513	143,981
2015315	Eviscerated or drawn (eviscerated weight).....	604,371	211,430	356,024	159,855
2015300	Turkeys, not specified by kind.....	xxx	13,316	...	...
2015411	Other poultry and small game killed in this establishment (ducks, geese, rabbits, etc.).....	52,939	19,396	58,287	21,916
2015000	Poultry dressing, wholesale, not specified by kind.....	xxx	102,343	xxx	36,717

<sup>1</sup>Substantial amounts of fowl and small game are killed and dressed for the Commercial Market on farms and at retail and wholesale establishments and are not included in these statistics.

xxx Not applicable.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

July 1960

MC(P)-20A-2

### MEAT PACKING PLANTS AND PREPARED MEATS INDUSTRIES

(Industry Codes 2011 and 2013—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

This report shows 1958 Census of Manufactures statistics for establishments classified into each of the following industries: 2011, Meat Packing Plants, and 2013, Prepared Meats.

During 1958, manufacturers in Industry 2011, Meat Packing shipped products value at \$12,012 million, an increase of 17 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. However, average employment in this industry showed a decrease of 7 percent from 1954 to 1958 to a total of 203.9 thousand employees in 1958. Adjusted value added by Manufacture in the industry amounted to \$1,749 million in 1958, an increase of 25 percent from 1954 when the previous census was taken. Adjusted value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventories. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Manufacturers in industry 2013, Prepared Meats Industry shipped products valued at \$1,991

million, an increase of 29 percent over 1954. Average employment in this industry increased 8 percent from 1954 to 1958 to a total of 48.4 thousand employees. Adjusted value added by manufacture in the industry amounted to \$453 million in 1958, an increase of 36 percent from 1954.

This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

Industries 2011 and 2013 are similar in many respects and for some purposes should be viewed as one industry. Prepared meats (smoked meats, sausage, canned meats, etc.) are produced by each industry; fresh meats, especially primal cuts and variety meats are shipped by each. The distinguishing characteristic of Industry 2011 is the slaughtering of livestock, and of Industry 2013 the use of purchased meat material. Nearly all of the fresh meat used as a raw material by plants in Industry 2013 is supplied by plants in Industry 2011; in addition, a considerable volume of fresh meat material is sold or transferred between plants in Industry 2011 for use in further processing.

Because of these interplant sales and transfers, aggregates of the value of shipments and cost of materials for Industry 2011 separately, or for Industries 2011 and 2013 combined, include a substantial amount of duplication.



U. S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

GROUP 21

GROUP 22



Industry 2011, Meat Packing Plants, comprises establishments primarily engaged in the slaughtering (for their own account, or on a contract basis for the trade) of cattle, hogs, sheep, lambs, calves, and other animals, except small game, for meat to be sold fresh or to be used on the same premises in canning and curing, and in making sausage, lard, and other products. Important products of this industry include fresh and frozen meat (beef, veal, mutton, lamb, and pork), canned beef, pork and other meat goods, sausage and lard. Establishments primarily engaged in killing, dressing and packing poultry, rabbits and other small game are included in Industry 2015, Poultry Dressing; canned poultry in Industry 2033, Canning and Preserving, and dog and cat food in Industry 2042, Prepared Animal Feeds.

Some slaughtering operations are conducted in establishments which are not included in the Census of Manufactures, such as those chiefly engaged in wholesale or retail trade, locker plant services, etc. A check of the 1954 Census of Manufactures records with those of the U. S. Department of Agriculture indicated that the Census of Manufactures included about 90 percent of the volume of commercial livestock slaughter.

Industry 2013, Prepared Meats, comprises establishments primarily engaged in manufacturing sausages, prepared meats, and meat specialties, but not slaughtering livestock. Included in this industry are sausage or meat kitchens operated by packing houses as separate establishments and establishments primarily engaged in the manufacture of sausage casings.

A considerable volume of prepared meats are produced in manufacturers' wholesale branches that are primarily engaged in the wholesale distribution of meat, and therefore classified as wholesale establishments in the 1958 Censuses. Production of prepared meats in wholesale branches will be shown in the final 1958 Census of Manufactures report for this industry.

Prepared meats manufactured in retail and independent wholesale establishments are not included in the Census of Manufactures statistics. The volume of prepared meats manufactured in such establishments was not measured in the 1958 Census.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Industries 2011 and 2013 consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale or products, etc.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$9,117 million of fresh meats and \$4,182 million of prepared meats and sausage casings were shipped by all producers of these products.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.) This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



Table 1.—GENERAL STATISTICS FOR THE MEAT PACKING PLANTS INDUSTRY: 1958 and 1954

(Standard Industrial Classification Code 2011)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	203.9	220.2	-7
Payroll.....	Million dollars...	1,081.5	943.0	+15
Production workers:				
Number.....	Thousands.....	153.3	167.8	-9
Man-hours.....	Millions.....	316.2	354.8	-11
Wages.....	Million dollars...	778.3	678.9	+15
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	1,690.3	1,394.5	+21
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	1,748.6	1,397.2	+25
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	10,289.4	8,848.3	+16
Value of shipments <sup>5</sup> .....	do.....	12,012.4	10,265.3	+17
Capital expenditures, new.....	do.....	64.7	65.0	-1
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	1,030	933	+10

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 1A.—GENERAL STATISTICS FOR THE PREPARED MEATS INDUSTRY: 1958 and 1954

(Standard Industrial Classification Code 2013)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	48.4	45.0	+8
Payroll.....	Million dollars...	238.5	186.9	+28
Production workers:				
Number.....	Thousands.....	35.8	33.8	+6
Man-hours.....	Millions.....	78.7	70.0	+12
Wages.....	Million dollars...	160.3	124.3	+29
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	422.4	330.3	+28
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	453.0	333.8	+36
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	1,555.9	1,200.4	+29
Value of shipments <sup>5</sup> .....	do.....	1,990.6	1,541.1	+29
Capital expenditures, new.....	do.....	16.2	15.6	+4
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	454	435	+4

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR MEAT PACKING PLANTS (S.I.C. CODE 2011) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>2</sup> (\$1,000)					
United States, total.....	203,887	1,081,532	153,294	316,243	778,341	1,690,329	1,748,638	12,012,437	64,710	1,030	220,194	1,394,486
New England.....	2,485	12,222	1,822	3,609	8,496	22,166	22,487	139,081	751	24	2,799	17,908
Massachusetts.....	1,285	6,611	936	1,893	4,708	12,492	11,892	84,046	198	12	1,592	11,776
Middle Atlantic.....	18,473	97,867	13,554	28,649	66,913	151,537	166,315	1,102,128	8,067	138	19,892	124,969
New York.....	6,477	36,168	4,895	10,850	25,246	54,654	64,357	399,634	3,344	44	6,990	46,186
New Jersey.....	2,678	15,684	2,026	4,260	11,223	26,338	27,513	284,195	1,343	18	3,611	25,396
Pennsylvania.....	9,318	46,015	6,633	13,539	30,444	70,545	74,445	458,299	3,380	76	9,691	53,387
East North Central.....	49,177	271,760	36,925	77,354	195,669	403,200	401,101	2,867,893	17,147	250	59,066	378,269
Ohio.....	11,540	61,288	8,353	17,436	41,143	90,066	91,479	602,458	4,752	79	11,568	106,817
Indiana.....	8,946	49,160	6,946	14,827	37,128	72,431	75,800	461,976	2,975	32	8,927	53,189
Illinois.....	16,628	94,119	12,516	26,313	68,976	134,425	126,115	1,053,272	5,238	61	26,526	135,944
Michigan.....	3,471	18,388	2,670	5,532	12,989	37,665	37,408	269,656	1,318	51	3,160	27,279
Wisconsin.....	8,592	48,805	6,440	13,246	35,433	68,613	70,299	480,531	2,864	27	8,883	55,038
West North Central.....	71,371	403,198	54,933	111,324	304,432	624,930	643,777	4,343,749	17,358	134	75,481	487,116
Minnesota.....	14,338	87,873	10,813	21,796	68,820	134,254	144,740	811,143	4,037	14	15,416	122,233
Iowa.....	24,724	140,224	19,047	38,120	104,390	214,184	218,343	1,481,288	5,697	28	25,533	154,885
Missouri.....	8,327	46,591	6,320	13,208	34,389	64,601	66,516	509,370	1,358	29	9,191	49,061
Nebraska.....	10,801	59,363	8,653	17,647	46,529	101,086	100,900	816,132	2,385	26	11,126	67,070
Kansas.....	8,103	43,010	6,097	12,952	30,693	57,076	57,543	432,282	2,591	23	9,484	55,396
South Atlantic.....	16,622	67,087	12,348	25,167	44,490	110,759	116,849	703,510	5,586	139	16,010	84,575
Maryland.....	2,943	14,147	2,149	3,968	9,161	22,526	23,676	124,750	324	12	3,451	17,172
Virginia.....	3,250	13,355	2,510	5,100	9,071	23,835	24,443	151,200	1,900	21	3,017	19,121
West Virginia.....	622	2,471	444	967	1,731	3,375	4,410	22,286	283	7	371	1,900
North Carolina.....	1,882	6,081	1,421	2,948	4,120	9,794	10,466	64,776	986	27	1,466	8,139
South Carolina.....	1,530	5,332	1,138	2,276	3,263	9,180	9,033	50,071	601	11	1,320	5,953
Georgia.....	3,833	15,689	2,715	5,274	10,364	23,351	25,565	166,293	989	30	4,160	20,446
Florida.....	2,461	9,666	1,889	4,077	6,498	17,458	17,965	120,356	749	29	1,965	9,869
East South Central.....	10,641	48,997	7,888	16,618	33,867	79,997	85,629	543,035	4,466	76	9,174	53,448
Kentucky.....	2,761	13,589	2,054	4,439	9,621	24,403	25,804	140,133	1,238	24	2,552	15,391
Tennessee.....	4,344	20,761	3,172	6,474	14,365	29,462	31,422	227,009	1,593	23	3,920	23,748
Alabama.....	1,829	7,940	1,377	2,980	5,437	15,309	16,405	92,033	616	17	1,744	10,125
Mississippi.....	1,707	6,707	1,285	2,725	4,464	10,823	11,998	83,860	1,019	12	958	4,182
West South Central.....	15,564	69,141	11,258	22,904	46,555	106,555	112,130	716,425	4,272	112	15,718	97,478
Arkansas.....	929	3,300	664	1,335	2,096	5,672	6,163	37,296	184	14	737	4,764
Louisiana.....	1,138	4,284	923	1,654	3,219	7,240	7,724	44,477	416	14	1,095	5,909
Oklahoma.....	3,134	14,428	2,012	4,176	9,415	23,032	23,708	135,344	569	19	3,421	18,256
Texas.....	10,363	47,129	7,659	15,739	31,825	70,611	74,535	499,308	3,103	65	10,464	68,548
Mountain.....	6,880	35,745	5,430	11,459	26,974	59,127	63,051	534,434	1,884	54	7,062	44,525
Montana.....	698	3,154	565	1,063	2,323	4,551	4,734	31,612	160	6	704	2,961
Idaho.....	676	3,217	504	1,091	2,246	5,942	7,153	48,029	66	8	421	4,733
Colorado.....	3,015	16,949	2,516	5,341	13,601	28,009	28,808	310,484	906	17	3,810	22,058
New Mexico.....	457	1,957	326	695	1,271	4,299	4,548	20,353	151	4	345	2,372
Arizona.....	676	3,255	527	1,149	2,498	5,253	5,170	36,913	153	6	514	4,019
Utah.....	1,206	6,628	868	1,847	4,597	9,363	10,571	73,831	353	9	1,129	6,914
Pacific.....	12,674	75,515	9,136	19,159	50,945	132,058	137,299	1,062,182	5,179	103	14,988	106,156
Washington.....	2,264	12,515	1,662	3,409	8,559	25,139	25,705	151,539	813	16	2,477	16,690
Oregon.....	1,493	8,341	1,046	2,187	5,440	13,760	14,840	93,322	1,727	12	1,737	9,366
California.....	8,917	54,659	6,428	13,563	36,946	93,159	96,754	817,321	2,639	75	10,773	80,139

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 2A.—GENERAL STATISTICS FOR THE PREPARED MEATS INDUSTRY (S.I.C. CODE 2013) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup>	Adjusted <sup>3</sup>					
						(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)			(\$1,000)
United States, total.....	48,358	238,497	35,768	78,707	160,271	422,442	452,986	1,990,608	16,185	454	44,997	330,312
New England.....	4,599	23,329	3,447	7,550	14,951	40,561	43,655	195,930	1,106	41	4,167	26,613
Massachusetts.....	3,800	19,921	2,878	6,330	12,846	36,100	37,689	168,408	852	30	3,401	21,639
Connecticut.....	311	1,356	213	451	824	2,281	2,583	9,723	(D)	5	331	2,253
Middle Atlantic.....	11,148	58,101	8,149	17,298	38,717	102,102	103,616	525,535	4,498	129	10,476	76,476
New York.....	6,191	32,565	4,537	9,500	21,535	55,427	54,497	246,226	2,916	74	5,820	45,756
New Jersey.....	2,146	12,137	1,544	3,355	8,005	23,069	23,873	154,785	920	25	1,517	12,022
Pennsylvania.....	2,811	13,399	2,068	4,443	9,177	23,606	25,246	124,524	662	30	3,139	18,697
East North Central.....	16,311	84,938	11,996	29,169	57,292	148,390	162,586	599,738	5,962	132	15,882	121,792
Ohio.....	1,433	6,910	992	2,125	4,332	9,144	10,117	38,124	552	19	1,337	8,840
Indiana.....	947	4,680	730	1,598	3,435	11,217	11,403	30,997	780	4	825	9,093
Illinois.....	9,749	52,584	7,184	18,883	35,891	90,347	97,148	378,784	3,320	56	9,654	75,186
Michigan.....	2,704	13,754	2,019	4,349	8,995	25,545	31,052	103,146	879	35	2,550	19,388
Wisconsin.....	1,478	7,010	1,071	2,214	4,639	12,137	12,866	48,687	431	18	1,514	9,281
West North Central.....	2,975	12,613	2,389	4,636	9,329	19,745	24,400	104,477	718	29	2,936	19,680
Minnesota.....	1,159	4,863	888	1,681	3,389	7,003	8,380	32,924	235	11	976	6,206
Iowa.....	411	2,068	305	655	1,490	1,972	3,360	19,067	162	5	297	1,680
Missouri.....	747	2,828	633	1,105	2,116	5,327	5,529	19,057	207	6	603	4,473
South Atlantic.....	4,628	19,043	3,439	7,077	12,856	34,277	32,192	162,895	1,159	39	4,020	24,697
Maryland.....	1,488	7,050	1,165	2,433	4,711	10,497	10,849	55,496	168	7	1,605	10,441
Virginia.....	322	1,054	230	461	655	2,163	2,118	8,599	137	4	237	1,419
North Carolina.....	388	1,392	268	564	777	1,804	2,458	11,911	(D)	6	377	2,143
South Carolina.....	124	157	61	99	93	313	323	2,042	(D)	1	47	227
Georgia.....	976	3,935	723	1,581	2,569	9,024	5,530	35,792	336	8	479	3,045
Florida.....	576	2,107	403	745	1,367	4,157	4,430	22,857	183	6	539	2,909
East South Central.....	1,261	4,826	921	1,852	3,215	12,973	14,960	44,303	255	10	732	9,184
Tennessee.....	783	3,058	592	1,221	2,179	9,570	11,202	23,278	144	5	320	3,900
West South Central.....	1,879	6,820	1,390	2,968	4,375	21,107	20,192	83,600	501	23	2,042	14,535
Louisiana.....	622	2,299	447	873	1,405	3,417	4,290	24,274	175	7	489	1,508
Texas.....	1,057	3,727	812	1,815	2,466	13,461	11,200	46,537	275	12	1,354	11,240
Mountain.....	669	3,392	511	1,069	2,393	6,403	6,428	33,928	201	6	442	3,398
Colorado.....	519	2,733	384	807	1,824	4,502	4,555	24,626	160	5	295	2,469
Pacific.....	4,888	25,435	3,526	7,088	17,143	36,884	44,997	240,202	1,785	45	4,295	33,932
California.....	4,505	23,504	3,248	6,485	15,841	34,923	42,879	224,734	1,649	40	3,729	29,423

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>3</sup> Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>4</sup> Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>5</sup> For explanation see text under "Value of shipments."

<sup>6</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF FRESH AND FROZEN MEATS SAUSAGE AND PREPARED MEATS AND OTHER MEAT PACKING PLANT PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in Industries 2011 and 2013 but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2011—	Meat packing plant products, total <sup>1</sup> .....	.....	xxx	9,117,039	xxx	7,346,183
2011—	Fresh beef.....	.....	xxx	5,321,335	xxx	3,943,145
201112	Whole carcass beef.....	Thousand pounds...	8,597,305	3,528,469	11,320,103	3,735,634
201117	Primal and fabricated cuts.....	..do.....	2,043,272	923,235	864,997	207,511
201131	Boneless beef, including hamburger.....	..do.....	1,145,685	507,311	xxx	...
201151	Variety meats (edible organs).....	..do.....	639,005	152,534	xxx	...
201171	Other edible beef, except canned meat and sausage.....	..do.....	275,269	84,169	xxx	...
201100	Fresh beef, not further specified.....	.....	xxx	125,617	xxx	...
20112—	Fresh veal.....	.....	xxx	428,300	xxx	397,560
201122	Whole carcass veal.....	Thousand pounds...	694,539	293,117	1,459,421	370,693
201127	Primal cuts, fabricated cuts and boneless veal.....	..do.....	181,548	90,750	85,049	26,867
201126	Other edible veal except canned meats and sausage.....	..do.....	44,518	25,234	xxx	...
201120	Fresh veal, not further specified.....	.....	xxx	19,199	xxx	...
20113—	Fresh lamb and mutton.....	.....	xxx	303,788	xxx	298,528
201132	Whole carcass lamb and mutton.....	Thousand pounds...	551,638	243,984	821,176	292,339
2011352	Primal cuts and all other edible lamb and mutton, except canned meats and sausage.....	..do.....	136,766	59,804	39,170	6,189
20114—	Fresh pork.....	.....	xxx	2,203,348	xxx	1,928,756
201142	Whole carcass pork.....	Thousand pounds...	1,017,734	303,932	4,758,703	1,860,653
201147	Primal cuts (including trimmings, but excluding fresh pork sausage).....	..do.....	4,776,704	1,773,629	412,745	68,103
2011451	Variety meats (fresh edible organs).....	..do.....	461,003	101,960	xxx	...
2011400	Fresh pork, not further specified.....	.....	xxx	23,827	xxx	...
20115—	Lard, sold as such (excluding animal fat shortening).....	.....	xxx	382,150	xxx	383,163
201153	Consumer sizes (3 pounds or less).....	Thousand pounds...	508,496	145,619	2,164,762	383,163
201157	Commercial sizes (more than 3 pounds).....	..do.....	1,988,620	234,200	xxx	...
2011500	Lard, not further specified.....	.....	xxx	2,301	xxx	...
20116—	Hides, skins, and pelts.....	.....	xxx	203,854	xxx	225,522
2011611	Cattle.....	Number.....	21,909	135,046	23,214	143,714
2011621	Calves.....	..do.....	6,611	32,025	8,983	35,934
2011651	Sheep and lamb.....	..do.....	12,356	24,284	19,709	39,419
2011698	Other hides, skins, and pelts.....	..do.....	2,286	4,872	2,825	6,455
2011600	Hides, not specified by kind.....	.....	xxx	7,627	xxx	...
20117—	Other meat packing plant products, n.e.c.....	.....	xxx	84,009	xxx	108,996
201172	Fresh meat other than beef, veal, pork, lamb or mutton.....	Thousand pounds...	67,870	11,121	184,174	21,859
2011741	Pulled wool <sup>2</sup> .....	..do.....	9,165	6,438	18,917	15,944
2011756	Tallow and tallow, edible.....	..do.....	328,037	34,227	98,379	19,681
2011761	Glue stock (semi-manufactured material to be made into glue).....	..do.....	xxx	1,188	xxx	3,099
2011765	Killing floor offal, scrap, and bones.....	..do.....	xxx	26,528	xxx	40,689
2011700	Other, not specified by kind.....	.....	xxx	4,527	xxx	7,724
2011000	Slaughtering plant products, not specified by kind.....	.....	xxx	190,235	xxx	60,513
2013—	Prepared meats and, sausage casings.....	.....	xxx	4,182,080	xxx	3,952,428
2014—	Prepared meats, total <sup>1</sup> .....	.....	xxx	4,080,678	xxx	3,864,087
20131—	Pork, processed and cured.....	.....	xxx	1,839,569	xxx	1,847,332
201311	Sweet pickled or dry-cured.....	Thousand pounds...	418,065	155,039	670,200	283,292
2013121	Dry salt pork.....	..do.....	306,475	72,759	393,289	96,590
2013131	Smoked hams and pinches (except canned).....	..do.....	1,301,687	669,679	1,158,833	613,712
2013141	Sliced bacon.....	..do.....	933,336	491,304	780,503	446,909
2013135	Slab bacon.....	..do.....	401,354	176,052	483,425	225,566
2013152	Other smoked pork.....	..do.....	217,522	94,782	xxx	...
2013161	Boiled ham and other cured pork (except canned meats and sausage).....	..do.....	111,400	98,126	151,195	127,153
2013100	Other edible pork and pork, processed and cured, not specified by kind.....	.....	xxx	81,827	xxx	54,110
20132—	Sausage and other prepared meat products.....	.....	xxx	1,577,429	xxx	1,187,096
2013211	Fresh sausage.....	Thousand pounds...	468,616	261,165	605,237	272,360
2013217	Dry or semi-dry sausage.....	..do.....	196,291	131,890	262,969	157,080
2013221	Frankfurters and wieners.....	..do.....	972,747	452,222	806,744	326,832
2013233	Other sausage, smoked or cooked.....	..do.....	1,232,710	595,352	921,508	366,629
2013298	Jellied goods and similar preparation, not canned (head cheese, meatloaves, scrapple, puddings, chili con carne etc.).....	..do.....	164,655	74,758	74,141	27,742
2013200	Sausage and other prepared meat products, not specified by kind.....	.....	xxx	59,042	xxx	36,453
20133—	Canned meats (except dog and cat food).....	.....	xxx	598,484	xxx	583,439
2013311	Products containing 20% or more meat <sup>3</sup> .....	.....	xxx	65,197	xxx	20,654
2013000	Prepared meats, not specified by kind.....	.....	xxx	101,402	xxx	88,341
2014—	Casings.....	.....	xxx	10,699	xxx	10,583
2014011	Beef.....	.....	xxx	26,768	xxx	20,147
2014031	Hog.....	.....	xxx	8,663	xxx	18,767
2014051	Sheep and lamb.....	.....	xxx	7,822	xxx	6,807
2014061	Other animal casings.....	.....	xxx	45,840	14,538	31,061
2014071	Synthetic.....	Thousand pounds...	22,451	45,840	14,538	31,061
2014000	Casings, not specified by kind.....	.....	xxx	1,610	xxx	976

<sup>1</sup>Not applicable.<sup>2</sup>Substantial quantities of these products are produced at non-manufacturing establishments and are not included in these statistics.<sup>3</sup>Figures represent the output of industries 2011, 2013, and 2886. Detailed production information was not obtained from establishment primarily engaged in wool pulling. Total production (U.S.D.A estimate) was 30,400,000 pounds in 1958 and 43,500,000 pounds in 1954.<sup>4</sup>Canned products containing less than 20% meat are included with canned vegetables on specialties in 1958 Census of Manufactures Industry and Product Report MC(P)-20C-3, Canned Fruits and Vegetables Industry (S.I.C. 2033).



GROUP 21

GROUP 22

**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

January 1960

MC(P)-203-1

### CONCENTRATED MILK

(Industry Code 2023--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Concentrated Milk Industry shipped products valued at \$773.5 million, an increase of 10 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 8 percent from 1954 to 1958 to a total of 12.3 thousand employees in 1958. Adjusted value added in the industry amounted to \$179.6 million in 1958, an increase of 7 percent from 1954 when the previous census was taken. Adjusted value added is derived by subtracting

the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE CONCENTRATED MILK INDUSTRY: 1958 AND 1954  
(Standard Industrial Classification Code 2023)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
<b>All employees:</b>				
Number.....	Thousands.....	12.3	13.3	-8
Payroll.....	Million dollars...	26.4	25.2	+5
<b>Production workers:</b>				
Number.....	Thousands.....	9.8	10.7	-9
Man-hours.....	Millions.....	21.5	24.2	-12
Wages.....	Million dollars...	42.7	39.3	+9
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	181.8	170.6	+6
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	179.6	165.9	+8
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	589.7	530.9	+11
Value of shipments <sup>5</sup> .....	..do.....	773.5	703.3	+10
Capital expenditures, new.....	..do.....	12.1	17.0	+20
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	191	192	...

<sup>1</sup>The figures in this report include the results for establishments located in the United States and Puerto Rico. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

GROUP 21  
GROUP 77

The Concentrated Milk Industry includes establishments engaged primarily in the manufacture of, condensed and evaporated milk, and related products such as sweetened condensed milk (case and bulk goods); unsweetened condensed and evaporated milk; condensed and evaporated buttermilk; dried and powdered skim milk, whole milk, whey, and buttermilk; and ice cream mix and ice milk mix made for sale as such. For a detailed list of products primary to industry 2023, see table 3. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Concentrated Milk Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Concentrated Milk Industry amounted to \$773.5 million. The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the

total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$892 million of condensed, evaporated and dried milk products were shipped by all producers of these products. Of this total, \$612 million, or 69 percent, were shipped by plants classified in industry 2023 while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE CONCENTRATED MILK INDUSTRY (S.I.C. 20) (1958)

Region and State <sup>1</sup>	1952							1954			
	All employees		Production workers		Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>3</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>4</sup> (\$1,000)	Adjusted <sup>5</sup> (\$1,000)	\$1,000	\$1,000		\$1,000
United States, total.....	1,342	6,479	1,275	21,327	42,733	22,733	1,000	1,000	1,000	1,000	1,000
Northwest.....	1,289	5,478	1,037	2,343	4,441	17,357	17,357	1,000	1,000	1,000	1,000
New York.....	786	3,324	675	1,444	2,716	9,354	9,354	1,000	1,000	1,000	1,000
East North Central.....	2,323	25,381	4,126	8,976	8,440	76,450	75,740	1,000	1,000	1,000	1,000
Ohio.....	342	4,105	596	1,383	2,703	13,109	13,240	1,000	1,000	1,000	1,000
Indiana.....	322	1,660	306	657	1,246	3,973	4,000	1,000	1,000	1,000	1,000
Illinois.....	835	4,115	614	1,287	2,615	11,356	12,900	1,000	1,000	1,000	1,000
Michigan.....	671	3,560	470	1,004	2,402	8,000	8,000	1,000	1,000	1,000	1,000
Wisconsin.....	2,173	11,901	2,128	4,565	9,444	39,072	37,100	1,000	1,000	1,000	1,000
West North Central.....	2,228	9,689	1,862	4,070	7,697	23,437	23,494	1,000	1,000	1,000	1,000
Minnesota.....	1,221	5,819	1,187	2,568	4,930	12,021	12,060	1,000	1,000	1,000	1,000
Iowa.....	408	858	168	365	629	1,426	1,395	1,000	1,000	1,000	1,000
Missouri.....	597	1,740	301	709	1,711	7,716	7,742	1,000	1,000	1,000	1,000
South Atlantic.....	695	3,021	575	1,294	2,393	15,195	14,477	1,000	1,000	1,000	1,000
Virginia.....	248	1,058	202	424	809	5,313	4,902	1,000	1,000	1,000	1,000
East South Central.....	1,173	5,221	956	2,113	4,092	11,347	11,115	1,000	1,000	1,000	1,000
Tennessee.....	472	2,127	386	866	1,688	3,794	3,179	1,000	1,000	1,000	1,000
West South Central.....	337	1,355	214	461	841	7,718	4,153	1,000	1,000	1,000	1,000
Mountain.....	369	1,503	295	632	1,125	4,909	4,774	1,000	1,000	1,000	1,000
Pacific.....	1,002	4,831	757	1,611	3,173	14,004	14,071	1,000	1,000	1,000	1,000
California.....	720	3,604	569	1,211	2,821	11,427	11,441	1,000	1,000	1,000	1,000

<sup>1</sup> Each producing State not shown separately in the above table was withheld either (a) to avoid disclosure of confidential information, or (b) because the industry was of relatively minor economic importance. Detail will appear in the final Census report on this industry.

<sup>2</sup> Value of products shipped consists of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup> Unadjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference between value added in finished products and work-in-process inventories at the beginning and end of year.

<sup>4</sup> For explanation see text under "Value of shipments."

<sup>5</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports from establishments (including those with less than 20 employees) classified in the industry.

GROUP 21  
GROUP 77

## 1958 CENSUS OF MANUFACTURES

Table 3.--QUANTITY AND VALUE OF CONCENTRATED MILK SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1959

(Includes quantity and value of these products reported not only by establishments classified in the Concentrated Milk Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)
2023---	Concentrated milk, total.....	xxx	891,513	xxx	836,908
20231	Dry milk products (including dry whole milk, dry skim milk, dry buttermilk and whey).....	xxx	328,453	xxx	277,110
	Shipped in containers of 3 lbs. or less:				
2023112	Nonfat dry milk solids.....	763,484	125,588	1,824,267	1,277,110
2023121	Shipped in bulk (containers larger than 3 pounds):				
2023121	For food use (bakeries, confectioners).....	1,190,805	175,049		
2023125	For animal feed use.....	445,061	23,679		
2023100	Dry milk products, not specified by kind or not elsewhere classified.....	xxx	4,137		
20232	Canned milk (shipped in consumer type packages).....	xxx	352,083	xxx	341,167
2023212	Unsweetened case goods.....	2,479,397	337,268	2,732,654	341,167
2023216	Sweetened case goods.....	74,598	13,570		
2023200	Canned milk, not specified by kind.....	xxx	1,245	...	...
202333	Bulk evaporated milk, shipped in bulk (barrels, drums, tanks)....	xxx	84,236	xxx	91,115
	Condensed and evaporated milk products other than ice cream mix and ice milk mix:				
2023312	For animal feed use.....	105,338	3,551	470,256	26,659
2023316	For food use (bakeries, confectioners, etc.).....	1,309,215	78,067	935,904	64,456
2023300	Condensed and evaporated milk products, not specified by kind.	xxx	2,618	...	...
2023412	Ice cream mix and ice milk mix, liquid, paste, or dry.....	921,083	119,874	( <sup>2</sup> )	119,486
2023000	Condensed, evaporated and dried milk, not specified by kind.....	xxx	6,867	xxx	8,030

\*Revised.

xxx Not applicable.

<sup>1</sup>Nonfat dry milk solids accounted for 1,472,579 thousand pounds valued at \$218,805 thousand in 1954.<sup>2</sup>Information collected in gallons in 1954, and amounted to 99,779 thousand gallons.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-20B-2

### CREAMERY BUTTER INDUSTRY

(Industry Code 2021--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Creamery Butter Industry shipped products valued at \$1,026 million, an increase of 1 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 17 percent from 1954 to 1958 to a total of 17.5 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$148 million in 1958, an increase of 4 percent from 1954 when the previous census was taken. Adjusted value added is

derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished products and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE CREAMERY BUTTER INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2021)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	17.5	21.0	-17
Payroll.....	Million dollars...	63.5	75.0	-15
Production workers:				
Number.....	Thousands.....	17.5	21.1	-18
Man-hours.....	Millions.....	6.8	7.8	-12
Wages.....	Million dollars...	47.8	52.9	-10
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	147.7	137.0	+8
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	147.7	142.4	+4
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	878.1	867.2	+1
Value of shipments <sup>5</sup> .....	..do.....	1,026.4	1,013.6	+1
Capital expenditures, new <sup>6</sup> .....	..do.....	15.2	13.0	+17
Number of establishments with 20 or more employees <sup>7</sup> .....	Number.....	233	258	-10

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

GROUP 21  
GROUP 22

The Creamery Butter Industry comprises establishments engaged primarily in the manufacture of creamery butter. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Creamery Butter Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Creamery Butter Industry amounted to \$1,026 million. Of this total, \$629 million were products primary to the industry, \$302 million were products primary to other industries, and \$95 million were receipts for miscellaneous activities. The industry shipments of primary products represented 61 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 74 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total

value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$795 million of Creamery Butter were shipped by all producers of these products. Of this total, \$629 million, or 79 percent, were shipped by plants classified in Industry 2021, Creamery Butter, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



# 1958 CENSUS OF MANUFACTURES

Table 3--GENERAL FACTS FOR THE CREAMERY BUTTER INDUSTRY IN THE UNITED STATES AND TERRITORIES

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	Number of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>3</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>4</sup>	Adjusted <sup>5</sup>					
United States, total.....	17,474	3,479	12,471	26,000	42,779	147,766	147,736	1,214,400	15,197	233	1,214,400	147,736
New England.....	93	20	67	214	97	490	490	4,400	100	2	4,400	490
Middle Atlantic.....	401	1,000	298	500	600	4,404	4,404	22,000	100	3	22,000	4,404
New York.....	263	811	160	280	454	2,409	2,513	7,700	100	2	7,700	2,513
East North Central.....	6,011	19,607	4,522	7,500	13,111	40,431	38,052	332,418	4,000	73	332,418	38,052
Ohio.....	744	2,800	519	919	1,631	10,005	6,704	59,412	100	9	59,412	6,704
Indiana.....	339	998	257	424	704	2,341	2,248	13,738	100	6	13,738	2,248
Illinois.....	734	3,318	466	1,000	1,779	2,626	3,002	10,461	100	6	10,461	3,002
Michigan.....	422	1,534	293	607	1,168	4,132	4,503	24,254	100	3	24,254	4,503
Wisconsin.....	2,772	10,875	2,112	4,440	1,909	22,827	22,935	214,140	1,000	42	214,140	22,935
West North Central.....	9,607	33,017	7,411	15,185	22,847	85,886	85,498	54,684	4,000	111	54,684	85,498
Minnesota.....	3,731	12,745	2,822	6,212	9,400	32,532	32,630	227,933	4,000	42	227,933	32,630
Iowa.....	2,333	7,865	1,762	3,724	4,112	20,735	20,327	130,703	2,000	20	130,703	20,327
Missouri.....	917	3,431	604	1,451	2,300	6,443	7,180	93,304	100	11	93,304	7,180
North Dakota.....	872	3,095	611	1,321	2,022	8,713	9,282	43,703	100	11	43,703	9,282
South Dakota.....	578	1,730	433	890	1,189	5,636	5,552	25,342	100	11	25,342	5,552
Nebraska.....	735	2,773	423	977	1,465	8,972	8,221	40,119	100	11	40,119	8,221
Kansas.....	421	1,466	266	610	890	2,855	3,106	18,104	100	6	18,104	3,106
South Atlantic.....	162	301	85	163	238	1,008	903	4,820	100	3	4,820	903
East South Central.....	561	2,006	410	764	1,274	2,500	4,403	27,786	100	7	27,786	4,403
West South Central.....	298	1,041	173	359	513	2,552	2,552	13,548	100	4	13,548	2,552
Oklahoma.....	210	836	108	264	380	2,124	2,140	10,674	100	2	10,674	2,140
Mountain.....	799	3,006	599	1,286	2,077	6,686	7,509	44,100	100	11	44,100	7,509
Montana.....	11	337	85	198	249	1,186	1,227	3,100	100	1	3,100	1,227
Idaho.....	705	1,921	386	862	1,383	4,611	4,502	1,000	100	1	1,000	4,502
Pacific.....	442	2,058	300	706	1,400	3,710	3,408	21,100	100	8	21,100	3,408
Washington.....	245	1,022	149	301	610	1,326	1,477	12,402	100	1	12,402	1,477
Oregon.....	82	307	64	129	248	545	548	2,408	100	1	2,408	548
California.....	115	729	123	248	606	1,830	1,400	1,400	100	1	1,400	1,400

1. Regions and States are defined as in the 1950 Census of Manufactures. Alaska and Hawaii are not shown separately but are included in the "United States, total" column.

2. Value of shipments includes value of finished products, work-in-process, and change in inventory.

3. Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchases and sales of products without further processing, plus (c) the net change in finished products and work-in-process inventories between the beginning and ending year.

4. Capital expenditures are for "new" capital expenditures.

5. Number of establishments with 20 or more employees, the "large" establishments, in the industry.

Table 3--QUANTITY AND VALUE OF CREAMERY BUTTER SHIPPED BY ALL THROUGH IN THE UNITED STATES, 1958 AND 1954

Included quantity and value of these products reported not only by establishments making them in the Creamery Butter Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments."

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)
4021--	Creamery butter, total.....	1,081,000	10,000	1,000,000	9,000

GROUP 21  
GROUP 22



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-20B-3

### ICE CREAM AND ICES INDUSTRY

(Industry Code 2024--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Ice Cream and Ices Industry shipped products valued at \$965 million, an increase of 25 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 4 percent from 1954 to 1958 to a total of 35.1 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$397 million in 1958, an increase of 18 percent from 1954 when the previous census was taken. Adjusted value added is

derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished products and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE ICE CREAM AND ICES INDUSTRY  
(Standard Industrial Classification Code 2024)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
Employees.....	Thousands.....	34.1	36.0	-5
Value of products shipped.....	Million dollars...	154.5	134.2	+16
Production workers:				
Number.....	Thousands.....	18.8	21.0	-10
Value added by manufacture, unadjusted <sup>2</sup> .....	Millions.....	38.2	42.4	-10
Value added by manufacture, adjusted <sup>3</sup> .....	Million dollars...	73.41	64.2	+14
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	381.6	327.9	+16
Value of shipments <sup>5</sup> .....	..do.....	997.5	135.4	+18
Capital expenditures, new.....	..do.....	54.8	47.1	+16
Value of shipments <sup>6</sup> .....	..do.....	964.9	778.8	+25
Capital expenditures, new.....	..do.....	27.0	24.7	+9
Number of establishments with 20 or more employees <sup>7</sup> .....	Number.....	468	477	-2

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>The value cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for year.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00



GROUP 21  
GROUP 22

The Ice Cream and Ices Industry includes establishments engaged primarily in the manufacture of ice cream, ice cream cakes, ices, and other frozen desserts. For a detailed list of products primary to this industry refer to table 3. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Ice Cream and Ices Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Ice Cream and Ices Industry amounted to \$965 million. Of this total, \$824 million were products primary to the industry, \$51 million were products primary to other industries, and \$90 million were receipts for miscellaneous activities. The industry shipments of primary products represented 94 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 93 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,139 million of Ice Cream, Ices and other frozen desserts were shipped by all producers of these products. Of this total, \$824 million, or 72 percent, were shipped by plants classified in Industry 2024, Ice Cream and Ices while the remainder was shipped by plants classified in other industries

### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 CENSUS OF MANUFACTURES

Table 1.—GENERAL STATISTICS FOR THE ICE CREAM AND FRYING INDUSTRY (P.I.C. CODE 2081) BY REGION AND STATE

Region and State <sup>1</sup>	1950										1957	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup> (\$1,000)	Adjusted <sup>6</sup> (\$1,000)					
United States, total.....	35,137	165,424	18,844	38,177	73,418	381,636	397,441	844,881	4,447	442	1,440	21,287
New England.....	2,628	10,466	1,430	2,841	5,242	34,403	37,138	88,443	1,361	34	1,400	25,378
Massachusetts.....	1,677	7,027	804	1,844	3,333	20,372	21,718	49,344	89	23	1,488	2,348
Connecticut.....	577	2,794	173	324	904	5,825	6,080	13,007	24	1	1,454	7,323
Middle Atlantic.....	1,063	45,274	5,006	7,828	22,522	115,851	118,534	455,062	7,161	84	1,449	10,494
New York.....	3,607	19,420	2,021	4,117	9,669	41,280	52,000	113,881	4,879	42	1,441	10,371
New Jersey.....	1,151	6,552	621	1,221	2,915	12,741	15,919	32,563	190	11	1,468	11,467
Pennsylvania.....	4,305	19,312	2,364	4,490	9,938	48,829	40,111	108,738	1,397	1	1,411	10,211
East North Central.....	6,444	31,444	3,444	7,444	14,444	73,444	76,444	22,444	1,444	44	1,444	10,444
Ohio.....	1,784	8,444	937	1,986	4,444	24,444	24,444	12,444	1,444	11	1,444	10,444
Indiana.....	832	3,444	445	961	1,444	9,444	9,444	23,444	811	11	1,444	10,444
Illinois.....	2,173	10,444	1,444	2,392	4,444	22,444	23,074	69,444	1,444	11	1,444	10,444
Michigan.....	1,221	6,444	704	1,444	2,444	12,444	14,444	33,444	1,444	11	1,444	10,444
Wisconsin.....	690	3,444	360	652	1,444	7,444	7,444	9,444	120	1	1,444	10,444
West North Central.....	3,233	14,444	1,744	3,667	6,444	28,444	28,794	82,444	2,882	44	1,444	10,444
Minnesota.....	813	3,444	428	879	1,838	5,444	6,444	23,444	1,444	11	1,444	10,444
Iowa.....	847	3,444	518	1,138	1,844	7,444	7,444	18,444	928	11	1,444	10,444
Missouri.....	914	3,444	388	737	1,444	7,444	7,444	19,444	1,444	11	1,444	10,444
Nebraska.....	381	1,444	206	439	779	4,444	4,444	11,444	401	1	1,444	10,444
Kansas.....	277	1,444	164	318	551	2,444	2,444	6,444	244	3	1,444	10,444
South Atlantic.....	4,909	18,108	2,267	4,919	7,385	52,831	53,861	128,444	1,444	44	1,444	10,444
Maryland.....	779	3,200	431	996	1,470	8,382	8,592	22,444	811	11	1,444	10,444
Virginia.....	773	2,773	309	663	1,029	6,904	7,306	11,807	481	1	1,444	10,444
West Virginia.....	184	747	117	274	403	3,017	3,082	6,444	1,444	1	1,444	10,444
North Carolina.....	647	2,470	291	677	937	5,781	5,877	15,114	1,444	1	1,444	10,444
South Carolina.....	309	1,152	133	299	385	2,230	2,458	7,739	1,444	1	1,444	10,444
Georgia.....	400	1,324	236	481	681	3,130	3,144	7,444	1,444	1	1,444	10,444
Florida.....	1,224	4,014	454	1,033	1,417	11,881	14,889	34,116	444	1	1,444	10,444
East South Central.....	2,102	7,550	1,158	2,454	3,405	20,316	21,046	48,531	2,211	18	1,522	16,111
Kentucky.....	262	1,099	130	274	403	2,400	2,467	7,444	301	1	1,444	10,444
Tennessee.....	943	3,522	551	1,194	1,782	9,139	9,544	23,444	1,444	18	1,444	10,444
Alabama.....	616	2,099	346	764	1,071	7,223	7,276	15,123	1,444	1	1,444	10,444
Mississippi.....	281	790	131	222	349	1,554	1,747	4,444	1,444	1	1,444	10,444
West South Central.....	2,488	8,758	1,235	2,692	3,456	19,236	19,492	47,429	1,497	14	1,444	10,444
Arkansas.....	239	844	118	289	344	1,918	1,941	4,444	1,444	1	1,444	10,444
Louisiana.....	646	2,404	318	673	981	6,047	6,144	11,864	1,444	1	1,444	10,444
Oklahoma.....	187	685	114	232	390	1,339	1,454	4,444	1,444	1	1,444	10,444
Texas.....	1,416	4,825	745	1,498	2,191	9,932	10,122	26,444	1,444	12	1,444	10,444
Mountain.....	1,133	4,522	631	1,181	2,112	10,294	11,444	32,444	1,444	18	1,134	11,444
Montana.....	170	629	80	171	258	811	822	1,444	1,444	1	1,444	10,444
Colorado.....	243	927	121	256	497	2,224	2,244	7,113	1,444	1	1,444	10,444
Utah.....	257	824	144	229	416	2,358	2,444	6,444	1,444	1	1,444	10,444
Pacific.....	2,785	14,532	1,644	3,176	7,444	27,394	31,268	92,100	1,874	14	1,444	11,444
Washington.....	189	904	124	234	422	2,977	3,127	8,111	1,444	1	1,444	10,444
Oregon.....	259	1,167	141	276	421	2,419	2,444	6,444	1,444	1	1,444	10,444
California.....	2,337	12,371	1,379	2,666	6,444	22,007	25,611	71,444	1,444	14	1,444	10,444

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Each processing State not shown separately in the above title was included in the regional totals. The States for which no figures are shown are Alaska, Hawaii, and Puerto Rico. The figures for the District of Columbia are included in the totals for the region in which it is located.<sup>2</sup>Value of products shipped less cost of materials, supplies, and other items used in the production process. It will appear in the final Census report of the industry.<sup>3</sup>Value of products shipped less cost of materials, supplies, and other items used in the production process. It will appear in the final Census report of the industry.<sup>4</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further processing, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.<sup>5</sup>For explanation see text under "Value of shipments."<sup>6</sup>Except for "Number of establishments with 20 or more employees," in the preceding table, figures are shown for all establishments, including those with less than 20 employees, classified in the industry.

Table 3.--QUANTITY AND VALUE OF ICE CREAM AND ICES SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Ice Cream and Ices Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 gallons)	Value (\$1,000)	Quantity (1,000 gallons)	Value (\$1,000)
2024---	Ice cream and ices, total.....	...	1,138,998	xxx	954,337
2024011	Ice cream.....	655,325	855,417	483,700	762,762
2024051	Water ices.....	30,681	40,936	22,654	28,083
2024071	Mellorine and similar frozen desserts containing fats other than butterfat.....	28,846	30,983	24,587	25,772
2024098	Other frozen dairy foods (sherbet, ice milk, custards, etc.)..	110,195	111,522	53,472	70,405
2024000	Ice cream and ices, not specified by kind.....	xxx	100,140	xxx	67,315

xxx Not applicable

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-20B-4

-20B-4

### NATURAL CHEESE AND SPECIAL DAIRY PRODUCTS INDUSTRY

(Industry Codes 2022 and 2025—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Natural Cheese Industry shipped products valued at \$755 million, an increase of 30 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 10 percent from 1954 to 1958 to a total of 15,3 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$123 million in 1958, an increase of 34 percent from 1954 when the previous census was taken.

Manufacturers in the Special Dairy Products Industry shipped products valued at \$275 million in 1958, a decrease of 7 percent from 1954. Average employment decreased 21 percent from 1954 to 1958 to a total of 5,8 thousand employees in 1958. Adjusted value added by manufacture amounted to \$61 million in 1958, an increase of 15 percent from 1954 when the previous census was taken. Adjusted value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Industry 2022, Natural Cheese, includes establishments engaged primarily in the manufacture of all types of natural cheese.

Industry 2025, Special Dairy Products, includes establishments engaged primarily in the manufacture of special dairy products, such as processed and ladle butter, malted milk and fermented milk; and processed cheese, cheese pastes, and spreads made from purchased natural cheese. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different

rials,  
adding  
n-pro-  
on in  
he use  
hments  
poses,  
paring  
nufac-  
No ad-  
figures  
levels

-1-  
-2-  
-3-  
-4-  
-5-  
-6-  
-7-  
-8-  
-9-  
-10-  
-11-  
-12-  
-13-  
-14-  
-15-  
-16-  
-17-  
-18-  
-19-  
-20-  
-21-  
-22-  
-23-  
-24-  
-25-  
-26-  
-27-  
-28-  
-29-  
-30-  
-31-  
-32-  
-33-  
-34-  
-35-  
-36-  
-37-  
-38-  
-39-  
-40-  
-41-  
-42-  
-43-  
-44-  
-45-  
-46-  
-47-  
-48-  
-49-  
-50-  
-51-  
-52-  
-53-  
-54-  
-55-  
-56-  
-57-  
-58-  
-59-  
-60-  
-61-  
-62-  
-63-  
-64-  
-65-  
-66-  
-67-  
-68-  
-69-  
-70-  
-71-  
-72-  
-73-  
-74-  
-75-  
-76-  
-77-  
-78-  
-79-  
-80-  
-81-  
-82-  
-83-  
-84-  
-85-  
-86-  
-87-  
-88-  
-89-  
-90-  
-91-  
-92-  
-93-  
-94-  
-95-  
-96-  
-97-  
-98-  
-99-  
-100-



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Natural Cheese and Special Dairy Products Industries consisted not only of products described above as primary to each industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in Industry 2022, Natural Cheese, amounted to \$755 million. Of this total, \$544 million were products primary to the industry, \$168 million were products primary to other industries, and \$43 million were receipts for miscellaneous activities. The industry shipments of primary products represented 76 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 83 percent.

The total value of shipments and other receipts of establishments classified in Industry 2025, Special Dairy Products, amounted to \$275 million, of which \$189 million were products primary to the industry, \$57 million were products primary to other industries, and \$29 million were receipts for miscellaneous activities. The industry shipments of primary products represented 77 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 90 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$747 million of natural cheese products were shipped by all producers of these products. Of this total, \$544 million, or 73 percent, were shipped by plants classified in Industry 2022, Natural Cheese, while the remainder was shipped by plants classified in other industries by all producers. At the same time, \$564 million of special dairy

products were shipped by all producers. Of which, \$189 million, or 33 percent, were shipped by plants classified in Industry 2025, Special Dairy Products.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



Table 1.—GENERAL STATISTICS FOR THE NATURAL CHEESE INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2022)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	15.3	13.9	+10
Payroll.....	Million dollars...	57.3	42.4	+35
Production workers:				
Number.....	Thousands.....	12.7	11.3	+12
Man-hours.....	Millions.....	29.8	25.7	+16
Wages.....	Million dollars...	44.9	32.8	+37
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	121.9	88.7	+37
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	122.8	91.8	+34
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	636.2	489.4	+31
Value of shipments <sup>5</sup> .....	..do.....	755.2	580.6	+30
Capital expenditures, new.....	..do.....	11.1	9.3	+19
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	184	182	+1

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 1a.—GENERAL STATISTICS FOR THE SPECIAL DAIRY PRODUCTS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2025)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	5.8	7.3	-21
Payroll.....	Million dollars...	23.9	26.6	-10
Production workers:				
Number.....	Thousands.....	4.6	5.8	-21
Man-hours.....	Millions.....	9.2	11.7	-21
Wages.....	Million dollars...	17.3	20.1	-14
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	61.7	57.0	+8
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	61.1	53.0	+15
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	212.8	238.4	-11
Value of shipments <sup>5</sup> .....	..do.....	274.8	295.3	-7
Capital expenditures, new.....	..do.....	3.6	5.8	-38
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	56	61	-8

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

C-

rials,  
adding  
n-pro-  
on in  
he use  
hments  
poses,  
paring  
nufac-  
No ad-  
figures  
levels

range

1954

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

-1

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE NATURAL CHEESE AND SPECIAL DAIRY PRODUCTS INDUSTRIES (SIC CODES 2022 AND 2025) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
NATURAL CHEESE												
United States, total.....	15,335	57,296	12,658	29,827	44,892	121,871	122,774	755,222	11,097	184	13,914	88,716
New England.....	389	1,413	296	593	977	2,321	2,391	12,022	160	7	341	1,673
Vermont.....	194	541	178	315	467	1,034	1,035	5,472	42	3	119	593
Massachusetts.....	115	613	75	189	367	956	999	4,727	98	3	132	877
Middle Atlantic.....	1,644	6,311	1,407	3,127	5,195	16,399	16,485	69,152	911	23	1,521	11,276
New York.....	1,394	5,471	1,195	2,631	4,458	14,706	14,815	62,423	797	20	1,143	8,888
Pennsylvania.....	197	637	168	410	583	1,299	1,276	5,194	84	3	323	2,041
East North Central.....	8,441	29,832	7,124	17,319	24,102	66,034	66,364	411,332	5,840	80	7,279	44,715
Ohio.....	577	1,759	496	985	1,444	3,362	3,498	14,840	200	5	655	4,370
Indiana.....	340	1,458	273	651	1,084	2,391	2,635	12,905	276	9	458	5,966
Illinois.....	861	3,660	692	1,702	2,613	6,774	7,123	38,550	1,185	14	1,156	8,146
Michigan.....	468	1,857	368	872	1,341	3,497	3,650	20,301	288	8	478	2,584
Wisconsin.....	6,195	21,098	5,295	13,109	17,620	50,010	49,458	324,736	3,891	44	4,529	23,648
West North Central.....	2,179	9,066	1,786	4,324	7,141	16,266	16,123	144,084	2,886	28	2,075	14,523
Minnesota.....	520	2,459	409	989	1,736	6,060	6,005	30,415	432	9	792	7,372
Iowa.....	333	1,158	272	667	955	2,693	2,705	17,507	1,900	2	262	1,678
Missouri.....	1,119	4,774	939	2,295	3,911	6,159	6,046	88,016	506	14	872	4,581
Kansas.....	134	424	113	251	354	930	938	5,395	20	1	113	679
South Atlantic.....	92	380	79	215	301	642	648	3,949	70	1	81	360
East South Central.....	1,202	4,308	906	1,982	3,011	9,242	8,798	51,409	594	24	1,020	5,648
Kentucky.....	463	1,656	362	822	1,176	2,542	2,519	20,540	215	13	227	1,621
Tennessee.....	542	1,922	397	884	1,345	5,615	5,309	24,072	138	9	519	2,628
Mississippi.....	150	569	114	215	385	862	762	5,520	167	2	176	948
West South Central.....	220	869	185	373	688	1,543	1,660	9,702	38	3	302	1,370
Mountain.....	371	1,276	295	675	962	3,017	3,249	15,037	137	6	550	4,097
Idaho.....	211	864	177	425	675	2,215	2,313	10,292	98	4	317	1,601
Pacific.....	797	3,841	580	1,219	2,515	6,407	7,056	38,535	461	12	742	5,051
California.....	475	2,579	307	666	1,491	3,817	4,468	23,396	281	8	403	2,639
SPECIAL DAIRY PRODUCTS												
United States, total.....	5,770	23,935	4,557	9,248	17,331	61,664	61,143	274,841	3,582	56	7,300	56,965
Northeast.....	1,074	4,550	673	1,414	2,499	11,886	12,078	41,212	798	13	955	7,849
New York.....	553	2,476	347	740	1,314	7,293	7,416	19,286	592	7	571	5,283
East North Central.....	2,954	12,216	2,474	4,887	9,681	36,264	33,772	128,119	1,409	28	4,373	38,000
Ohio.....	649	2,711	524	1,099	2,150	7,754	7,116	19,210	218	3	242	2,208
Michigan.....	551	2,653	453	886	2,082	15,601	15,375	28,997	623	4	337	9,939
Wisconsin.....	1,100	4,257	938	1,922	3,331	8,937	8,368	54,586	355	14	2,109	15,717
West North Central.....	851	3,192	688	1,441	2,041	5,325	6,307	58,921	596	6	445	2,465
Missouri.....	367	1,278	249	480	644	1,954	2,380	16,927	69	4	406	2,288
South.....	475	2,130	402	827	1,794	3,472	4,208	30,620	494	2	1,038	4,311
Mountain.....	102	382	85	176	298	1,475	1,489	5,233	101	1	222	1,946
Pacific.....	314	1,465	235	503	1,018	3,242	3,289	10,736	184	6	265	2,399

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF NATURAL CHEESE AND SELECTED SPECIAL DAIRY PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

Includes quantity and value of these products reported not only by establishments classified in the Natural Cheese and Special Dairy Products Industries but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments".

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2022—	Natural cheese plant products, total.....	.....	xxx	746,992	xxx	613,197
20220—	Natural cheese (includes 2022A).....	.....	xxx	746,992	xxx	613,197
2022013	Manufactured and creamed in this plant.....	1,000 pounds.....	547,934	149,291	758,298	150,563
2022016	Manufactured in this plant, sold as curd.....	.....do.....	64,084	19,462		
2022018	Creamed in this plant from purchased curd.....	.....do.....	132,324	29,268	1,234,199	438,575
2022098	Natural cheese, other than cottage cheese (cheddar, brick, cream, swiss, etc.).....	.....do.....	1,438,302	522,583		
2022000	Natural cheese, not specified by kind.....	.....do.....	xxx	26,478	xxx	24,659
2025—	Special dairy products, total.....	.....	xxx	1,564,342	(NA)	1,474,735
20251—	Special dairy products, other than process cheese.....	.....	xxx	1,323,272	xxx	1,235,156
2025111	Flavored dry milk products (consumer sized packages, 3 pounds or less).....	.....do.....	33,935	12,780	31,303	9,616
2025198	Malted milk powder.....	1,000 pounds.....	109,293	33,533	(3)	(3)
2025133	Flavored milk drinks (chocolate milk, etc.).....	.....do.....	526,069	94,543	905,774	170,684
2025135	Buttermilk and related products (yogurt, acidophilous milk, etc.).....	1,000 quarts.....	594,876	120,320		
2025141	Flavored milk drinks (chocolate milk, chocolate drinks, eggnog, etc.).....	.....do.....	43,116	28,038	21,111	16,878
2025162	Ready whipped cream (sterilized cream).....	1,000 pounds.....	11,293	6,666	(5)	(5)
2025171	Plastic cream.....	.....do.....	xxx	24,002	xxx	25,749
2025100	Dietary supplements, including infants other than vitamins (50% or more milk solids).....	.....do.....	xxx	3,390	xxx	12,229
20252—	Special dairy products, other than process cheese, not specified by kind.....	.....	xxx	238,343	xxx	236,723
2025211	Process cheese and related products.....	1,000 pounds.....	388,153	144,754	409,029	142,129
2025213	Process cheese.....	.....do.....	132,477	42,553	130,614	42,546
2025215	Cheese food.....	.....do.....	111,396	40,223	101,307	39,049
2025298	Cheese spread.....	.....do.....	26,962	10,299	28,393	12,000
2025200	Other related cheese products.....	.....do.....	xxx	514	xxx	985
2025000	Special dairy products not specified by kind.....	.....	xxx	2,727	xxx	2,856

xxx Not applicable.

NA Not available.

<sup>1</sup>1954 and 1958 totals are not completely comparable because of changes in product classification. See footnote 2, 3, and 4 below.<sup>2</sup>Non fat dry milk, dry whole milk, and other dry milk products are included in the report for industry 2023, concentrated milk.<sup>3</sup>Separate 1954 figures not available; undetermined amount included with Dry Milk Products, product group 20231—.<sup>4</sup>Includes vegetable oil base aerated cream.<sup>5</sup>Undetermined amount included in product code 2027151, Bulk Cream, in 1954.

USCOMM--DC

-20K-

C -

rials,  
adding  
n-pro-  
on in  
he use  
hments  
poses,  
paring  
nufac-  
No ad-  
figures  
levels

range

1954

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.



-20H-7

C-

rials,  
adding  
n-pro-  
on in  
he use  
hments  
poses,  
paring  
nufac-  
No ad-  
figures  
levels

change  
1948

-2.0  
-1.1

-2.4  
-2.9  
-1.1

-3  
-11  
-1

-8  
0.0  
-1

were not

range of  
between

its (in-



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

July 1960

MC(P)-20B-5

### FLUID MILK INDUSTRY

(Industry Code 2027--SIC system in use through 1957. Includes 1954 industries 2026, Fluid Milk only and 2027 Fluid Milk and other products.)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Fluid Milk Industry shipped products valued at \$6,213 million, an increase of 28 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 8 percent from 1954 to 1958 to a total of 206.6 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$1,939 million in 1958, an increase of 28 percent from 1954 when the previous census was taken. Adjusted value added

is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finish goods and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE FLUID MILK INDUSTRY: 1958 AND 1954  
(Standard Industrial Classification Code 2027 and 2026)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	206.6	191.4	+8
Payroll.....	Million dollars...	985.5	767.0	+28
Production workers:				
Number.....	Thousands.....	83.5	89.0	-6
Man-hours.....	Millions.....	178.5	195.3	-9
Wages.....	Million dollars...	358.0	307.8	+16
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	1,892.5	1,475.6	+28
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	1,939.5	1,514.6	+28
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	4,273.6	3,351.1	+28
Value of shipments <sup>5</sup> .....	..do.....	6,212.5	4,866.4	+28
Capital expenditures, new.....	..do.....	130.4	98.9	+32
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	2,165	2,011	+8

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Fluid Milk Industry includes establishments engaged primarily in processing (i.e. pasteurizing, homogenizing, vitaminizing, bottling) and distributing fluid milk. Although an effort is made in the Census of Manufactures to include all pasteurizing and bottling plants, some fluid milk is bottled on farms or by retail milk distributors. A comparison of the 1954 Census figures on the production of fluid milk with estimates by the U. S. Department of Agriculture of non-farm consumption of fluid milk indicated that the Census included about 75 percent of total fluid milk production in that year. In 1958, special efforts were made to secure reports from plants not included in the Census of Manufactures in 1954. As a result, the 1958 Census appears to include plants accounting for between 85 percent and 90 percent of the total bottled fluid milk production. A more detailed description of the limitations of Census of Manufactures data and the methods used to improve these data will be given in the final bulletin for Industry 2027.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Fluid Milk Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in

the Fluid Milk Industry amounted to \$6,213 million. Of this total, \$4,811 million were products primary to the industry, \$920 million were products primary to other industries, and \$482 million were receipts for miscellaneous activities. The industry shipments of primary products represented 84 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 82 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$5,101 million of fluid milk and cream were shipped by all producers of these products. Of this total, \$4,811 million, or 94 percent, were shipped by plants classified in Industry 2027, Fluid Milk, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

TABLE 1.—GENERAL STATISTICS FOR THE FLUID MILK INDUSTRY BY REGION AND STATE  
(Standard Industrial Classification, 311 and 312)

Region and State <sup>1</sup>	1958										1957	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>3</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>4</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>2</sup> (\$1,000)					
United States, total.....	206,473	48,741	13,911	176,561	24,388	1,792,410	1,728,460	2,112,117	12,365	16,707	1,717,168	
New England.....	19,750	69,623	6,127	77,848	24,386	1,830,300	1,760,760	2,126,800	9,394	168	16,200	
Maine.....	1,347	4,672	429	5,400	1,800	130,000	120,000	140,000	1,277	11	1,330	
New Hampshire.....	752	2,920	229	2,800	1,049	80,000	70,000	80,000	377	11	4,341	
Vermont.....	752	3,113	229	2,800	1,049	80,000	70,000	80,000	433	11	6,877	
Massachusetts.....	7,604	11,357	2,932	36,079	14,346	1,172,000	1,120,000	1,180,000	4,266	49	16,646	
Rhode Island.....	1,388	7,707	438	5,111	1,743	9,732	9,732	29,634	603	2	7,328	
Connecticut.....	4,125	28,866	1,380	2,880	6,192	37,046	38,784	134,929	2,417	39	11,978	
Middle Atlantic.....	42,615	209,328	18,481	39,600	82,407	395,628	396,817	1,347,576	13,861	465	39,000	
New York.....	17,238	84,401	8,423	17,594	38,405	170,789	166,687	651,338	13,619	194	16,000	
New Jersey.....	6,082	33,012	2,737	5,771	13,334	67,143	68,122	209,538	5,383	72	7,680	
Pennsylvania.....	19,295	98,915	7,321	15,235	30,668	157,694	162,014	484,700	14,859	202	17,172	
East North Central.....	48,229	250,242	19,750	42,129	92,334	459,341	464,968	1,479,373	26,864	538	43,000	
Ohio.....	16,464	87,198	5,989	12,754	27,524	145,932	149,998	442,369	8,276	169	14,870	
Indiana.....	6,863	32,796	2,849	6,253	12,371	59,532	60,548	175,009	3,561	82	49,854	
Illinois.....	9,439	51,956	4,131	9,015	21,411	104,611	101,207	345,112	5,648	118	93,490	
Michigan.....	9,271	48,959	3,773	7,954	18,654	94,560	98,116	283,263	5,926	100	73,981	
Wisconsin.....	6,192	29,335	3,008	6,153	12,374	54,706	55,099	233,620	3,453	69	33,007	
West North Central.....	18,153	85,081	7,821	16,448	31,501	170,458	173,897	524,874	12,116	176	18,668	
Minnesota.....	4,295	21,106	2,028	4,227	8,600	41,212	41,367	139,106	2,642	39	3,733	
Iowa.....	3,263	14,896	1,438	2,922	5,688	39,203	39,940	101,331	1,642	34	2,999	
Missouri.....	5,082	26,112	1,821	3,844	7,710	43,180	44,537	137,747	3,630	38	43,605	
North Dakota.....	274	1,106	154	364	592	2,040	2,208	7,715	186	3	1,175	
South Dakota.....	589	2,223	269	570	971	5,083	5,238	14,428	446	7	1,453	
Nebraska.....	1,869	8,014	740	1,536	2,971	14,470	15,600	46,308	1,971	25	11,708	
Kansas.....	2,781	11,624	1,371	2,985	4,969	25,270	25,007	78,239	1,493	30	15,749	
South Atlantic.....	25,065	103,549	9,209	20,775	33,980	202,397	210,101	645,532	11,890	238	22,954	
Maryland.....	3,181	15,424	994	2,348	4,497	27,332	28,999	80,851	1,334	27	3,544	
Virginia.....	3,586	14,204	1,386	3,226	4,892	26,303	26,724	85,873	1,785	38	2,948	
West Virginia.....	1,824	7,648	882	1,848	3,228	15,097	16,054	43,183	859	24	14,695	
North Carolina.....	4,281	15,165	1,750	3,954	6,049	36,823	38,856	110,766	2,914	43	4,016	
South Carolina.....	1,550	5,663	745	1,545	2,436	10,599	11,066	36,296	730	14	1,847	
Georgia.....	3,428	12,371	1,215	2,766	3,944	26,652	27,134	78,915	1,435	39	16,293	
Florida.....	4,630	19,674	1,417	3,362	5,146	36,023	37,566	132,617	2,043	41	30,953	
East South Central.....	10,616	44,613	4,315	9,361	15,424	78,601	81,588	251,908	8,112	146	9,696	
Kentucky.....	3,153	14,227	1,299	2,725	4,929	22,076	22,849	69,185	3,311	49	2,715	
Tennessee.....	3,548	14,495	1,368	3,094	4,891	25,072	25,559	83,727	1,963	41	3,400	
Alabama.....	2,536	11,301	987	2,123	3,601	21,256	22,435	63,584	2,034	28	2,328	
Mississippi.....	1,379	4,590	661	1,419	2,003	10,197	10,745	35,412	804	28	7,508	
West South Central.....	16,289	68,760	6,117	13,876	21,491	146,696	152,745	462,943	7,674	145	14,925	
Arkansas.....	1,192	4,785	494	1,095	1,799	10,364	10,712	36,169	703	16	1,010	
Louisiana.....	2,398	10,267	961	2,016	3,448	20,061	20,538	63,756	2,037	25	18,837	
Oklahoma.....	2,945	12,319	1,151	2,527	3,967	25,808	27,570	78,496	1,330	25	16,434	
Texas.....	9,754	41,389	3,511	8,238	12,367	90,463	93,925	284,322	3,604	79	81,025	
Mountain.....	6,822	31,004	2,989	6,427	12,305	66,443	67,041	209,872	4,528	87	43,714	
Montana.....	521	2,261	271	564	1,114	5,522	5,667	17,075	348	10	4,304	
Idaho.....	566	2,366	291	655	1,155	5,443	5,540	18,712	275	8	5,841	
Wyoming.....	293	1,148	156	329	535	2,251	2,314	8,742	263	7	1,845	
Colorado.....	2,254	10,062	869	1,955	3,581	20,364	20,450	63,432	1,008	28	13,267	
New Mexico.....	788	3,414	386	803	1,295	5,450	5,650	20,136	613	8	681	
Arizona.....	1,122	5,894	479	976	2,299	15,100	15,343	41,473	941	11	1,091	
Utah.....	1,028	4,380	423	799	1,611	9,495	9,280	31,676	771	10	548	
Nevada.....	250	1,479	114	246	715	2,818	2,797	8,606	289	5	353	
Pacific.....	23,034	123,343	8,702	18,047	44,245	254,850	266,543	861,171	10,026	201	20,558	
Washington.....	4,109	21,702	1,679	3,445	8,734	39,557	40,900	127,306	5,019	45	3,882	
Oregon.....	2,445	11,489	836	1,696	3,825	26,560	28,451	88,057	1,373	28	2,384	
California.....	16,480	90,152	6,187	12,906	31,685	188,733	197,192	645,808	9,634	128	14,292	

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

-208-7

C-

rials,  
adding  
n-pro-  
on in  
he use  
ments  
poses,  
paring  
nufac-  
No ad-  
figures  
levels

change  
1958-208-  
-209-  
-210-  
-211-  
-212-  
-213-  
-214-  
-215-  
-216-  
-217-  
-218-  
-219-  
-220-  
-221-  
-222-  
-223-  
-224-  
-225-  
-226-  
-227-  
-228-  
-229-  
-230-  
-231-  
-232-  
-233-  
-234-  
-235-  
-236-  
-237-  
-238-  
-239-  
-240-  
-241-  
-242-  
-243-  
-244-  
-245-  
-246-  
-247-  
-248-  
-249-  
-250-  
-251-  
-252-  
-253-  
-254-  
-255-  
-256-  
-257-  
-258-  
-259-  
-260-  
-261-  
-262-  
-263-  
-264-  
-265-  
-266-  
-267-  
-268-  
-269-  
-270-  
-271-  
-272-  
-273-  
-274-  
-275-  
-276-  
-277-  
-278-  
-279-  
-280-  
-281-  
-282-  
-283-  
-284-  
-285-  
-286-  
-287-  
-288-  
-289-  
-290-  
-291-  
-292-  
-293-  
-294-  
-295-  
-296-  
-297-  
-298-  
-299-  
-300-

were not

of

in-

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF FLUID MILK AND CREAM SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Fluid Milk Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2027—	Fluid milk and cream, total <sup>1</sup> .....	.....	xxx	5,100,746	xxx	3,969,143
20271—	Fluid milk and cream, bulk sales and bulk transfers to other plants and dealers.....	.....	xxx	810,473	xxx	715,598
2027112	Fluid whole milk.....	Thousand pounds...	10,141,386	457,600	8,681,901	371,588
2027115	Fluid skim milk.....	..do.....	4,571,660	53,120		
2027117	Fluid cream.....	..do.....	959,534	288,722		
2027100	Bulk fluid milk and cream, not further specified.....	..do.....	xxx	11,031	xxx	15,585
20272—	Bottled fluid milk and cream.....	.....	xxx	4,076,762	xxx	3,085,970
2027212	Whole milk in bottles or cartons.....	Thousand quarts...	16,449,905	3,589,996	13,991,545	2,795,477
2027222	Skim milk in bottles or cartons.....	..do.....	585,479	97,531		
2027232	Cream, heavy (whipping cream).....	..do.....	70,423	88,918		
2027242	Cream, light (coffee cream, include sour cream).....	..do.....	141,567	98,700	463,057	256,227
2027252	Half and half.....	..do.....	249,800	122,546		
2027200	Bottled fluid milk and cream, not further specified.....	..do.....	xxx	79,071	xxx	34,266
2027000	Fluid milk and cream, not further specified.....	.....	xxx	213,511	xxx	167,575
Special Dairy Products:						
2025133	Buttermilk and related products (yogurt, acidophilous milk, etc.).....	Thousand quarts...	526,069	94,543	905,774	170,684
2025135	Flavored milk drinks (chocolate milk, chocolate eggnog drinks).....	..do.....	594,876	120,320		
2025141	Ready-whipped cream (aerated cream) <sup>2</sup> .....	Thousand pounds...	43,116	28,038		

xxx Not applicable.

<sup>1</sup>Does not include the special fluid milk products listed below: Buttermilk (Code 2025133); flavored milk drinks (2025135) and ready whipped cream (2025141).

<sup>2</sup>Includes vegetable oil base aerated cream.

1958  
Census  
of  
Manufactures

Industry and Product Reports

(Subject to Revision)

February 1960

MC(P)-200-1

-200-1

CURED FISH INDUSTRY

(Industry Code 2032--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Cured Fish Industry produced products valued at \$52 million, an increase of 33 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 17 percent from 1954 to 1958 to a total of 2,0 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$12 million in 1958, an increase of 8 percent from 1954 when the previous census was taken. Adjusted value added is

derived by subtracting the cost of materials, fuels, etc., from value of production and adding the net change in work-in process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

rials,  
adding  
s-pro-  
on in  
he use  
hments  
poses,  
paring  
nufac-  
No ad-  
figures  
levels

Table 1.—GENERAL STATISTICS FOR THE CURED FISH INDUSTRY: 1958 AND 1954  
(Standard Industrial Classification Code 2032)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	2.0	1.7	+17
Payroll.....	Million dollars...	7.6	5.7	+33
Production workers:				
Number.....	Thousands.....	1.7	1.4	+21
Man-hours.....	Millions.....	3.3	2.8	+18
Wages.....	Million dollars...	5.1	3.7	+38
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	11.1	10.5	+6
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	12.3	11.4	+8
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	40.1	38.1	+43
Value of shipments <sup>5</sup> .....	..do.....	52.5	39.4	+33
Capital expenditures, new.....	..do.....	0.3	0.6	-50
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	26	23	+13

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959; they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further processing, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Change  
1954  
1958

Not

in-  
between

in-



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00



The Cured Fish Industry includes establishments engaged primarily in smoking, salting, drying, or otherwise curing fish for the trade. The products of the industry consist chiefly of smoked salmon, herring, whitefish, chub, cisco, etc., and salted pickled fish for further processing, in addition to that produced ready for consumption. For a detailed list of primary products of this industry refer to table 3. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in the Cured Fish Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and miscellaneous receipts of establishments classified in the Cured Fish Industry amounted to \$52 million. The total value of production for the industry, which is the total value of the products processed by and miscellaneous receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry

shipped by all producers. The latter figure, appearing in table 3, indicates that \$44 million of smoked, salted, pickled and cured fish were processed by all producers of these products. Of this total, \$42 million, or 96 percent, were processed by plants classified in Industry 2032, Cured Fish, while the remainder was processed by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE CURED FISH INDUSTRY (S.I.C. CODE 2000), BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	2,017	7,624	1,676	3,267	5,134	11,104	12,334	52,475	277	26	1,706	10,512
Northeast and North Central.....	1,303	5,648	1,032	2,082	3,540	8,434	9,515	41,468	168	21	1,077	7,042
New York.....	574	3,006	441	915	1,741	4,478	5,140	24,632	77	8	490	3,764
Illinois.....	265	934	210	432	613	1,231	1,469	5,623	18	4	265	1,251
South and West.....	714	1,976	644	1,185	1,594	2,670	2,819	11,007	109	5	628	3,469
California.....	130	609	98	204	399	725	867	4,423	25	2	148	662

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products processed and miscellaneous receipts less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further processing, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF CURED FISH PRODUCED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Cured Fish Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production")

Product code	Product	Total production			
		1958		1954	
		Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)
2032---	Cured fish and other seafood.....	xxx	44,322	xxx	37,621
2032011	Smoked salmon.....	8,389	9,616	11,689	6,838
2032021	Other smoked fish (herring, whitefish, chub, cisco, etc.).....	13,168	10,784	24,108	13,104
2032031	Salted and pickled fish (including sun dried).....	9,347	3,822	2,894	686
2032035	Sold as finished products ready for consumption.....	45,434	13,168	53,451	12,399
2032000	Cured fish, not specified by kind.....	xxx	6,993	xxx	4,594

xxx Not applicable.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)20C-2

-208-7

### PICKLES AND SAUCES INDUSTRY

(Industry Code 2035--SIC system in use through 1947)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Pickles and Sauces Industry made products valued at \$642 million, an increase of 28 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 4 percent from 1954 to 1958 to a total of 22.8 thousand employees in 1958. Value added by manufacture in the industry amounted to \$200 million in 1958, an increase of 40 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

rials,  
adding  
t-pro  
on in  
he use  
ments  
oses,  
aring  
ufac-  
to ad-  
figures  
levels

Table 1.—GENERAL STATISTICS FOR THE PICKLES AND SAUCES INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2035)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	22.7	21.8	+4
Payroll.....	Million dollars...	83.4	67.0	+24
Production workers:				
Number.....	Thousands.....	18.4	18.2	...
Man-hours.....	Millions.....	36.0	35.9	...
Wages.....	Million dollars...	58.0	47.4	+23
Value added by manufacture, unadjusted <sup>2</sup> .....	...do.....	193.4	140.9	+37
Value added by manufacture, adjusted <sup>3</sup> .....	...do.....	200.1	143.9	+40
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	...do.....	443.9	397.7	+24
Value of production <sup>5</sup> .....	...do.....	642.1	503.0	+28
Capital expenditures, new.....	...do.....	14.6	7.5	+88
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	234	220	+6

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production." Include value of resales if both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Pickles and Sauces Industry includes establishments engaged primarily in the pickling and brining of fruits and vegetables, and in the manufacture of salad dressings, vegetable relishes, sauces and seasonings. Important products of the industry include catsup and other tomato sauces, mustard, salad dressings, mayonnaise and pickles. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in the Pickles and Sauces Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of products and other receipts of establishments classified in the Pickles and Sauces Industry amounted to \$642 million. Of this total, \$490 million were products primary to the industry, \$130 million were products primary to other industries, and \$22 million were receipts for miscellaneous activities. The industry production of primary products represented 79 percent of the total value of products (primary and secondary). The 1954 ratio was 80 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$669 million of pickles, sauces and salad dressings was made by all producers of these products. Of this total, \$491 million, or 73 percent, was made by plants classified in Industry 2035, Pickles and Sauces, while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.





## 1958 CENSUS OF MANUFACTURES

Table 3.--QUANTITY AND VALUE OF PICKLES, SAUCES, AND SALAD DRESSINGS MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Pickles and Sauces Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production")

Product code	Product	Unit of measure	Total production			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2035---	Pickles, sauces and salad dressings, total.....		xxx	669,330	xxx	516,716
20351--	Catsup and other tomato sauces.....		xxx	179,105	xxx	113,958
2035111	Tomato sauces, except catsup and chili sauce.....	Thousands of cases	17,538	76,331	*12,800	40,944
2035131	Catsup <sup>2</sup> .....	.....do.....	28,038	93,491	*18,500	62,943
	12 ounce glass.....	.....do.....	1,637		*1,643	*4,695
	14 ounce glass.....	.....do.....	18,415		*15,005	*49,902
	18, 20 and 24 ounce glass.....	.....do.....	4,548	93,491	...	...
	Number 10 tin.....	.....do.....	3,387		*1,798	*8,143
	Other sizes.....	.....do.....	50		*54	*203
2035151	Chili sauce <sup>2</sup> .....	.....do.....	2,067	5,866	*1,979	7,218
	12 ounce glass.....	.....do.....	1,482		*1,796	
	Number 10 tin.....	.....do.....	306	5,866	*183	
	Other sizes.....	.....do.....	279		...	
2035100	Tomato sauces, not specified by kind.....	.....do.....	xxx	3,417	xxx	2,853
20352--	Pickled fruits and vegetables.....		xxx	169,861	xxx	135,598
	Finished cucumber pickles:					
2035211	Dill.....	Thousand gallons..	31,857	34,757	35,987	30,227
2035213	Sour.....	.....do.....	5,428	4,622	10,183	6,439
2035215	Sweet.....	.....do.....	19,860	35,440	29,568	37,827
2035217	Fresh pack.....	.....do.....	27,251	32,129	25,884	25,668
2035233	Pickle products (including mixes, relishes, etc.).....	.....do.....	28,415	36,526	22,995	27,222
2035261	Olives, green, bulk.....	.....do.....	(NA)	10,779	(NA)	5,035
2035200	Pickled fruits and vegetables, not specified by kind.....	.....do.....	xxx	15,608	xxx	3,180
20353--	Mustard and other meat sauces, except tomato sauces.....		xxx	55,828	xxx	46,698
2035311	Prepared mustard.....	Thousand gallons..	20,438	19,418	20,070	19,925
2035351	Other sauces for meat (worcestershire, soy sauce and similar types).....	.....do.....	15,995	33,516	8,134	22,852
2035300	Mustard and other meat sauce, not specified by kind.....	.....do.....	xxx	2,894	xxx	3,921
20354--	Salad dressings, mayonnaise and sandwich spread <sup>3</sup> .....	Thousand gallons..	125,905	236,885	xxx	201,697
2035412	Salad dressing, mayonnaise type.....	.....do.....	55,190	83,178	50,837	77,031
2035423	Mayonnaise.....	.....do.....	50,436	106,824	43,132	92,476
2035431	French dressing.....	.....do.....	8,155	17,944	7,218	12,425
2035441	Other salad dressings.....	.....do.....	5,129	13,977	2,347	5,144
2035445	Sandwich spread, salad dressing base.....	.....do.....	6,995	14,962	7,569	14,621
2035511	Unfinished pickles (salt, stock).....	Thousand pounds..	224,194	9,772	(NA)	10,205
2035000	Pickles, sauces, and salad dressings, not specified by kind.....	.....do.....	xxx	17,879	xxx	8,560

\*Revised

NA Not available.

xxx Not applicable.

<sup>1</sup>Includes a substantial quantity made from purchased tomato purees.<sup>2</sup>Container size breakdown based on percentages supplied by National Canner's Association.<sup>3</sup>Figures taken from Facts for Industry Series M20F-08, "Salad Dressing, Mayonnaise and Related Products."

nis.

The Canned Fruits and Vegetables Industry includes establishments engaged primarily in the canning of fruits, vegetables, and poultry, and fruit and vegetable juices and in manufacturing preserves, jams, and jellies. Important products of the industry include canned fruits; canned vegetables; canned specialties, such as baked beans; baby foods; juices; and preserves; jams, and jellies. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in the Canned Fruits and Vegetables Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Canned Fruits and Vegetables Industry amounted to \$3,003 million. Of this total, about 90 percent were products primary to the industry; the balance consisted of products primary to other industries, and receipts for miscellaneous activities.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$2,770 million of canned fruits, vegetables, and specialties were made by all producers of these products. Of this total, about 95 percent was made by plants classified in Industry 2033, Canned Fruits and Vegetables, while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



Table 2.--GENERAL STATISTICS FOR THE CANNED FRUITS AND VEGETABLES INDUSTRY (S.I.C. CODE 2033, BY REGIONS AND STATES: 1958)

Region and State <sup>1</sup>	1958								1954			
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	123,372	424,657	106,695	209,132	329,782	1,109,402	1,124,533	3,002,862	54,042	960	119,836	650,019
New England.....	2,763	9,365	2,101	3,982	5,967	20,257	21,128	61,623	760	34	5,522	14,178
Maine.....	1,484	4,098	1,331	2,392	3,379	6,437	8,490	24,947	451	17	1,332	5,991
Massachusetts.....	983	4,326	546	1,139	1,966	9,818	10,645	31,047	251	10	844	7,025
Middle Atlantic.....	25,142	95,288	21,590	40,885	74,966	241,443	243,832	676,976	13,265	173	25,246	202,441
New York.....	10,570	36,059	9,337	20,001	29,185	79,201	80,628	253,873	4,804	99	10,271	78,036
New Jersey.....	6,378	31,240	5,074	11,250	23,675	80,994	81,265	206,098	4,282	25	7,942	77,786
Pennsylvania.....	8,194	27,969	7,179	14,634	22,126	81,258	81,939	217,005	4,179	49	7,034	46,587
East North Central.....	27,402	99,494	23,003	47,372	70,926	257,673	266,043	693,893	15,107	257	26,578	186,594
Ohio.....	3,474	11,566	2,826	5,555	8,101	43,754	43,854	105,233	3,558	30	2,490	15,937
Indiana.....	4,246	12,429	3,666	7,362	9,456	28,586	29,582	99,421	1,252	46	3,503	22,419
Illinois.....	7,432	33,410	6,184	12,981	24,979	100,237	100,551	245,267	4,596	45	7,710	72,980
Michigan.....	4,593	16,391	3,523	6,896	10,388	35,867	42,794	123,761	3,008	42	4,117	33,069
Wisconsin.....	7,657	22,698	6,804	14,578	18,002	49,229	49,262	120,211	2,695	94	8,307	42,059
West North Central.....	5,425	15,808	4,721	8,559	11,512	39,943	41,004	104,716	2,431	32	4,120	25,680
Minnesota.....	3,957	11,465	3,485	6,223	8,545	28,971	30,195	72,502	2,140	21	2,328	17,722
South Atlantic.....	16,458	41,037	14,503	25,565	32,056	98,295	99,212	273,198	4,001	157	19,118	74,354
Delaware.....	1,628	3,482	1,479	2,392	2,839	6,193	6,204	18,108	798	21	1,548	5,151
Maryland.....	4,796	11,748	4,163	7,375	8,951	22,435	22,789	72,643	625	56	6,645	19,233
Virginia.....	2,378	5,571	2,085	3,656	4,216	12,193	12,157	33,260	427	23	2,378	11,398
Florida.....	5,227	14,698	4,588	8,557	11,746	45,037	45,510	115,571	1,609	34	6,433	31,432
East South Central.....	2,124	5,715	1,826	3,493	4,265	16,881	16,949	46,381	488	19	2,172	11,236
Kentucky.....	304	949	238	368	573	2,659	2,694	6,317	74	4	319	1,657
Tennessee.....	1,289	3,312	1,141	2,260	2,703	9,133	9,166	26,656	267	10	1,203	6,781
West South Central.....	6,091	15,070	5,286	9,842	11,366	30,466	30,582	105,554	1,252	70	6,141	19,464
Arkansas.....	1,726	3,471	1,555	2,983	2,857	6,418	6,127	26,879	209	15	1,549	5,550
Louisiana.....	1,084	2,765	940	1,665	1,845	3,413	3,871	14,142	207	13	1,128	1,869
Oklahoma.....	657	1,203	534	695	895	2,152	2,016	8,934	181	9	734	2,192
Texas.....	2,624	7,634	2,257	4,899	5,769	18,483	18,568	55,999	635	33	2,729	9,851
Mountain.....	2,699	7,501	2,380	4,282	5,867	14,263	14,188	38,929	1,054	31	1,980	8,511
Idaho.....	880	2,121	819	1,297	1,745	4,598	4,572	12,995	432	7	585	1,592
Colorado.....	897	2,394	782	1,447	1,895	4,469	4,325	10,970	248	9	524	2,411
Utah.....	732	2,464	629	1,286	1,916	4,736	4,737	12,185	288	11	846	3,541
Pacific.....	35,258	138,379	31,285	60,152	112,857	390,181	391,599	1,001,598	15,684	192	31,954	287,641
Washington.....	3,047	10,946	2,744	5,469	9,164	32,113	33,492	76,378	604	27	3,452	28,256
Oregon.....	3,921	13,890	3,538	7,177	11,690	31,711	31,724	77,110	2,900	27	3,783	29,959
California.....	28,270	113,543	25,003	47,506	92,003	326,357	326,379	848,104	12,580	138	24,732	235,425

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further processing plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

-20H-7

c-

rials,  
adding  
n-pro-  
on in  
he use  
ments  
poses,  
paring  
unufac-  
No ad-  
figures  
levels

change  
to 1958

-28

-14

-28

-29

-11

-3

-11

-1

-3

0.0

were not

resale of  
between

in-

mfs.

Table 3.--QUANTITY AND VALUE OF CANNED FRUITS, VEGETABLES, AND SPECIALTIES PACKED IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Canned Fruits and Vegetables Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production.")

Product code	Product	Unit of measure	Total production (pack)			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2033---	Canned fruits, vegetables, and specialties, total.....	.....	xxx	2,770,055	xxx	2,178,034
2033000	Canned fruits, vegetables, and specialties, not specified by kind.....	.....	xxx	47,702	xxx	17,627
20331--	Canned fruits, including fruit pie mixes, total.....	1,000 cases.....	117,548	503,189	xxx	467,916
2033112	Apples, excluding pie mix.....	.....	4,172	18,102	4,560	22,061
2033113	Applesauce <sup>1</sup> .....	.....	16,599	47,928	215,000	211,800
	82.....	.....	618	(NA)	710	(NA)
	No. 303.....	.....	12,482	(NA)	12,440	(NA)
	No. 2-1/2.....	.....	1,118	(NA)	...	(NA)
	No. 10.....	.....	2,381	(NA)	1,760	(NA)
	Other sizes.....	.....	...	(NA)	90	(NA)
2033115	Apricots.....	.....	3,226	19,459	3,861	17,379
2033118	Berries, except cranberries.....	.....	1,766	9,164	1,948	11,017
2033122	Cherries, red pitted, excluding pie mix <sup>1</sup> .....	.....	2,573	14,335	3,280	17,687
	No. 2.....	.....	114	(NA)	920	(NA)
	No. 303 and 300.....	.....	1,435	(NA)	1,180	(NA)
	No. 10.....	.....	969	(NA)	1,180	(NA)
	Other sizes.....	.....	55	(NA)	xxx	(NA)
2033124	Sweet cherries.....	.....	1,812	10,822	(NA)	11,617
2033125	Cranberries and cranberry sauce <sup>2</sup> .....	.....	6,004	25,667	25,510	25,500
	No. 6 to 82.....	.....	646	(NA)	550	(NA)
	No. 300.....	.....	5,040	(NA)	4,470	(NA)
	No. 10.....	.....	259	(NA)	470	(NA)
	Other sizes.....	.....	59	(NA)	40	(NA)
2033127	Figs.....	.....	1,004	3,648	(NA)	3,786
2033131	Grapefruit segments <sup>2</sup> .....	.....	4,899	17,924	...	...
	No. 2.....	.....	105	(NA)	...	...
	82 short and tall.....	.....	142	(NA)	...	...
	No. 303.....	.....	4,090	(NA)	...	...
	No. 3 cylinder.....	.....	554	(NA)	...	...
	Other sizes.....	.....	8	(NA)	...	...
2033132	Fruit cocktail <sup>1</sup> .....	.....	15,363	81,786	19,189	90,902
	No. 2-1/2.....	.....	3,903	(NA)	...	...
	No. 82 short and tall.....	.....	1,685	(NA)	...	...
	No. 303 and 300.....	.....	8,064	(NA)	...	...
	No. 2.....	.....	267	(NA)	...	...
	No. 10.....	.....	1,446	(NA)	...	...
2033134	Fruits for salads, including mixed fruits other than fruit cocktail.....	.....	2,593	14,377	...	...
	Olives, ripe and green ripe, total.....	.....	2,584	21,162	2,060	10,307
2033141	5 oz. or less (8 oz. tall, 4 oz. etc.).....	1,000 cases of 48.....	544	4,392	1,700	8,900
2033143	5.1 oz.-15 oz. (No. 303, pint glass, No. 1 tall, etc.).....	.....	1,714	14,120	...	...
2033145	15.1 oz.-60 oz. (No. 2-1/2, quart glass, etc.).....	1,000 cases of 24.....	326	2,650	360	1,407
2033149	Over 60 oz. (No. 10, etc.).....	1,000 cases of 6.....	...	...	...	...
2033152	Peaches, including spiced, excluding pie mix <sup>1</sup> .....	1,000 cases.....	29,164	141,566	22,030	104,976
	No. 2-1/2.....	.....	17,412	(NA)	12,930	(NA)
	82 short and tall.....	.....	1,451	(NA)	1,240	(NA)
	No. 303, 300 and No. 1 tall.....	.....	6,261	(NA)	4,350	(NA)
	No. 2.....	.....	...	(NA)	90	(NA)
	Other sizes.....	.....	3,963	(NA)	3,360	(NA)
2033153	Pears, including spiced.....	.....	10,850	59,143	9,399	52,013
2033154	Plums (purple and other types, excluding canned dried prunes). Pineapple (all styles) <sup>3</sup> .....	.....	1,410	5,980	(NA)	9,079
2033157	Canned fruit pie mixes, total.....	.....	6,333	23,533	(NA)	(NA)
2033161	Apple.....	.....	1,606	5,374	(NA)	(NA)
2033163	Cherry.....	.....	2,275	7,558	(NA)	(NA)
2033165	Peaches.....	.....	1,120	4,308	(NA)	(NA)
2033169	Other fruit pie mixes.....	.....	1,332	5,895	(NA)	(NA)
2033198	Other canned fruit, including green olives.....	.....	3,801	27,680	(NA)	51,592
2033100	Canned fruits, not specified by kind.....	.....	3,415	20,933	...	...
20332--	Canned seasonal vegetables, excluding baby foods, total.....	.....	180,464	583,341	(NA)	521,231
2033211	Asparagus <sup>4</sup> .....	.....	7,810	41,715	5,750	38,416
	No. 2.....	.....	...	(NA)	700	(NA)
	82 tall.....	.....	428	(NA)	340	(NA)
	No. 1 Picnic and 2 1/2 cylinder.....	.....	1,251	(NA)	1,120	(NA)
	No. 300 and 303.....	.....	4,213	(NA)	2,890	(NA)
	300 x 509.....	.....	199	(NA)	...	(NA)
	No. 5 squat.....	.....	214	(NA)	150	(NA)
	No. 10.....	.....	352	(NA)	320	(NA)
	Other sizes.....	.....	185	(NA)	230	(NA)

<sup>1</sup>See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 3.--QUANTITY AND VALUE OF CANNED FRUITS, VEGETABLES, AND SPECIALTIES PACKED IN THE UNITED STATES

Product code	Product	Unit of	1958				1954			
			Quantity		Value (\$1,000)		Quantity		Value (\$1,000)	
203320	Canned fruits, vegetables, and specialties--Continued									
203320	Canned seasonal vegetables, excluding baby foods--Continued									
203321	Beans, fresh lima.....	1,000 cases.....	7,347		10,648	NA				
203321	Beans, green and wax except Blue Lake.....	1,000 cases.....	19,397		1,037	NA				
203321	Beans, Blue Lake.....	1,000 cases.....	6,562		33,173	NA				
203321	Beets.....	1,000 cases.....	10,239		NA	NA				
203321	Carrots.....	1,000 cases.....	3,377		7,692	NA				
203321	Sweet corn.....	1,000 cases.....	35,957		10,560	NA				
203321	82 short and tall.....	1,000 cases.....	3,130		NA	3,120			NA	
203321	No. 1 picnic.....	1,000 cases.....	107		NA	290			NA	
203321	12Z vacuum.....	1,000 cases.....	0,311		NA	NA			NA	
203321	No. 303 and 300.....	1,000 cases.....	20,647		NA	NA			NA	
203321	No. 10.....	1,000 cases.....	2,678		NA	NA			NA	
203321	Other sizes.....	1,000 cases.....	61		NA	NA			NA	
203321	Mixed vegetables (succotash, carrots and peas, vegetable salad, and other combinations).....	1,000 cases.....	4,419		13,750	NA			NA	
203328	Green peas.....	1,000 cases.....	34,327		119,032	207,400			NA	
203328	82.....	1,000 cases.....	4,707		NA	4,100			NA	
203328	No. 1 picnic.....	1,000 cases.....	160		NA	NA			NA	
203328	No. 303.....	1,000 cases.....	24,739		NA	19,600			NA	
203328	No. 10.....	1,000 cases.....	4,575		NA	NA			NA	
203328	Other sizes.....	1,000 cases.....	121		NA	190			NA	
203328	Other peas (blackeye, crowder, purple hull, field, etc.).....	1,000 cases.....	1,865		7,200	NA			NA	
203328	Pumpkin and squash pie mix.....	1,000 cases.....	496		2,400	NA			NA	
203328	Pumpkin and squash, except pie mix.....	1,000 cases.....	2,435		0,931	1,673			NA	
203328	Spinach and other greens.....	1,000 cases.....	7,718		19,467	NA			NA	
203328	No. 2.....	1,000 cases.....	41		NA	176			NA	
203328	No. 1 picnic.....	1,000 cases.....	361		NA	146			NA	
203328	No. 303 and 300.....	1,000 cases.....	198		NA	NA			NA	
203328	No. 2-1/2.....	1,000 cases.....	4,719		NA	3,787			NA	
203328	No. 10.....	1,000 cases.....	1,086		NA	NA			NA	
203328	Other sizes.....	1,000 cases.....	1,307		NA	1,109			NA	
203328	Tomatoes.....	1,000 cases.....	6		NA	109			NA	
203328	No. 2.....	1,000 cases.....	28,174		79,700	211,000			NA	
203328	82.....	1,000 cases.....	376		NA	1,067			NA	
203328	No. 1 picnic.....	1,000 cases.....	313		NA	104			NA	
203328	No. 303, 300 and No. 1 tall.....	1,000 cases.....	702		NA	500			NA	
203328	No. 2-1/2.....	1,000 cases.....	16,758		NA	11,470			NA	
203328	No. 10.....	1,000 cases.....	4,620		NA	3,100			NA	
203328	Other sizes.....	1,000 cases.....	5,329		NA	4,100			NA	
203328	Other canned seasonal vegetables.....	1,000 cases.....	10		NA	NA			NA	
203328	Canned seasonal vegetables, not specified by kind.....	1,000 cases.....	5,009		16,000	NA			NA	
203328	Canned seasonal vegetables, not specified by kind.....	1,000 cases.....	10,330		32,467	NA			NA	
203330	Canned specialties, total.....	1,000 cases.....	187,576		507,700	NA			NA	
203331	Ham.....	1,000 cases.....	6,799		6,125	NA			NA	
203331	Mushrooms, total.....	1,000 cases.....	2,166		6,681	NA			NA	
203331	4 oz. or less (2Z, etc.).....	1,000 cases of 48.....	1,287		11,468	NA			NA	
203331	4.1 oz.-8 oz. (4Z, etc.).....	1,000 cases.....	555		9,203	920			NA	
203331	8.1 oz.-17 oz. (8Z, etc.).....	1,000 cases.....	160		4,680	NA			NA	
203331	Other sizes.....	1,000 cases.....	166		3,321	NA			NA	
203331	Pimientos.....	1,000 cases.....	1,248		4,670	NA			NA	
203331	Spaghetti with meat, total.....	1,000 cases.....	0,224		30,040	NA			NA	
203331	13.1 oz.-17 oz. (No. 300, etc.).....	1,000 cases of 24.....	3,097		17,271	NA			NA	
203331	Other sizes.....	1,000 cases.....	3,127		14,649	NA			NA	
203331	Spaghetti without meat, total.....	1,000 cases.....	8,013		24,458	NA			NA	
203331	13 oz. and under (No. 1 picnic, etc.).....	1,000 cases of 48.....	387		1,377	NA			NA	
203331	13.1 oz.-17 oz. (No. 300, etc.).....	1,000 cases of 24.....	5,050		14,011	NA			NA	
203331	Other sizes.....	1,000 cases.....	2,578		11,034	NA			NA	
203331	Sweet potatoes.....	1,000 cases.....	4,918		19,064	NA			NA	
203331	White potatoes.....	1,000 cases.....	2,711		6,614	NA			NA	
203331	Sauerkraut, total.....	1,000 cases.....	1,489		19,092	NA			NA	
203331	No. 2.....	1,000 cases.....	57		NA	NA			NA	
203331	No. 300.....	1,000 cases.....	NA		NA	NA			NA	
203331	No. 303.....	1,000 cases.....	1,100		NA	1,800			NA	
203331	No. 2-1/2.....	1,000 cases.....	3,593		NA	3,040			NA	
203331	No. 10.....	1,000 cases.....	603		NA	650			NA	
203331	Other sizes.....	1,000 cases.....	341		NA	60			NA	
203331	Tomato paste, total.....	1,000 cases.....	11,912		21,617	7,907			NA	
203331	4.1 oz.-7 oz. (2Z, etc.).....	1,000 cases of 48.....	7,660		30,464	NA			NA	
203331	100.1 oz.-115 oz. (No. 10).....	1,000 cases of 6.....	2,803		14,208	NA			NA	
203331	Other sizes.....	1,000 cases.....	1,183		1,940	NA			NA	
203331	Tomato pulp and purée, total.....	1,000 cases.....	4,400		17,390	NA			NA	
203331	13 oz. and under (No. 1 picnic, etc.).....	1,000 cases of 48.....	770		2,809	NA			NA	
203331	13.1 oz.-27 oz. (No. 303, No. 2, etc.).....	1,000 cases of 24.....	389		1,739	NA			NA	
203331	27.1 oz.-31 oz. (No. 2-1/2, etc.).....	1,000 cases.....	800		3,415	NA			NA	
203331	100.1 oz.-115 oz. (No. 10).....	1,000 cases of 6.....	1,859		5,811	1,594			NA	
203331	Other sizes.....	1,000 cases.....	558		7,008	NA			NA	

See footnotes at end of table.

Table 3.--QUANTITY AND VALUE OF CANNED FRUITS, VEGETABLES, AND SPECIALTIES PACKED IN THE UNITED STATES: 1958 AND 1954--Continued

Product code	Product	Unit of measure	Total production (pack)			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2033---	Canned fruits, vegetables, and specialties--Continued					
20333--	Canned specialties--Continued					
2033368	Chinese food (bean sprouts, chop suey, etc.).....	1,000 cases.....	5,287	18,268	2,116	10,862
	Beans with pork, including baked, total.....	..do.....	36,676	114,039	34,105	98,319
2033371	7.1 oz.-10 oz. (82 short, 82 tall, etc.).....	1,000 cases of 48.	1,877	5,972	1,022	3,471
2033372	10.1 oz.-13 oz. (No. 1 picnic, etc.).....	..do.....	992	4,920	1,022	4,038
2033373	13.1 oz.-18 oz. (No. 300, No. 305, etc.).....	1,000 cases of 24.	19,123	49,170	15,886	38,458
2033374	18.1 oz.-22 oz. (No. 2, etc.).....	..do.....	4,175	13,928	3,176	10,188
2033375	22.1 oz.-27 oz. (Jumbo, etc.).....	..do.....	925	4,753	857	3,543
2033376	27.1 oz.-40 oz. (No. 2-1/2, quart glass, etc.).....	..do.....	5,687	24,400	3,960	15,697
2033377	40.1 oz.-60 oz. (No. 3 cylinder, etc.).....	1,000 cases of 12.	1,338	3,816	162	575
2033378	100.1 oz.-115 oz. (No. 10).....	1,000 cases of 6.	1,152	3,460	850	2,569
2033379	Other sizes, and sizes not specified.....	1,000 cases.....	1,404	3,620	7,167	19,780
	Beans with sauce, vegetarian style, including baked, total.....	..do.....	4,115	10,784	(NA)	(NA)
2033381	13 oz. or less (No. 1 picnic, etc.).....	1,000 cases of 48.	438	1,272	(NA)	(NA)
2033382	13.1 oz.-18 oz. (No. 300, No. 305, etc.).....	1,000 cases of 24.	3,046	7,577	(NA)	(NA)
2033383	100.1 oz.-115 oz. (No. 10).....	1,000 cases of 6.	176	386	(NA)	(NA)
2033384	Other sizes.....	1,000 cases.....	405	1,349	(NA)	(NA)
	Beans, all other dry varieties, total.....	..do.....	15,962	41,022	14,279	32,806
2033385	13 oz. or less (No. 1 picnic, etc.).....	1,000 cases of 48.	385	1,255	(NA)	(NA)
2033386	13.1 oz.-18 oz. (No. 300, No. 305, etc.).....	1,000 cases of 24.	11,654	25,959	8,968	19,779
2033387	18.1 oz.-22 oz. (No. 2, etc.).....	..do.....	1,475	4,171	2,025	5,122
2033388	27.1 oz.-31 oz. (No. 2-1/2 etc.).....	..do.....	326	1,427	297	1,165
2033389	100.1 oz.-115 oz. (No. 10).....	1,000 cases of 6.	758	2,427	923	2,322
2033391	Other sizes.....	1,000 cases.....	1,364	5,785	2,066	4,415
2033398	Other canned specialties, including soups.....	..do.....	71,298	40,522	(NA)	(NA)
2033300	Canned specialties, not specified by kind.....	..do.....	1,756	7,014	...	...
20334--	Canned fruit juices, fruit drinks and ades, not frozen.....			287,142	(NA)	196,066
2033411	Apple juice <sup>1</sup> .....	1,000 cases.....	5,428	13,418	24,200	28,500
	Individual 52, 62.....	..do.....	281	(NA)	240	(NA)
	No. 211 cylinder.....	..do.....	89	(NA)	190	(NA)
	No. 3 cylinder.....	..do.....	1,748	(NA)	1,160	(NA)
	242 and 262 glass.....	..do.....	202	(NA)	280	(NA)
	322 glass.....	..do.....	2,095	(NA)	1,810	(NA)
	642 glass.....	..do.....	323	(NA)	160	(NA)
	Gallon jug.....	..do.....	402	(NA)	320	(NA)
	Other sizes.....	..do.....	290	(NA)	80	(NA)
	Grape juice, total.....	..do.....	(NA)	27,327	(NA)	24,774
2033422	22.1 oz.-27 oz. (24 oz. glass, etc.).....	1,000 cases of 12.	3,812	12,501	3,180	10,688
2033423	Other sizes.....	..do.....	(NA)	14,826	(NA)	14,086
2033424	Pineapple juice <sup>2</sup> .....	1,000 cases.....	9,275	22,448	13,600	21,803
2033428	Grapefruit juice <sup>1</sup> .....	1,000 cases of 48.	726	(NA)	1,522	(NA)
2033431	Individual.....	1,000 cases of 24.	1,940	(NA)	3,173	(NA)
	No. 2.....	..do.....	88	(NA)	76	(NA)
	No. 211 cylinder.....	1,000 cases of 12.	6,384	(NA)	8,758	(NA)
	No. 3 cylinder.....	1,000 cases of 6.	26	(NA)	52	(NA)
	No. 10.....	1,000 cases.....	111	(NA)	19	(NA)
2033441	Orange juice, single strength <sup>1</sup> .....	1,000 cases.....	22,937	60,451	21,611	46,881
	42.....	1,000 cases of 24.	3,380	(NA)	1,230	(NA)
	Individual 52, 62.....	..do.....	1,682	(NA)	2,297	(NA)
	No. 2.....	..do.....	3,075	(NA)	4,029	(NA)
	No. 211 cylinder.....	1,000 cases of 12.	203	(NA)	154	(NA)
	No. 3 cylinder.....	1,000 cases of 6.	8,900	(NA)	10,336	(NA)
	No. 10.....	1,000 cases of 12.	22	(NA)	25	(NA)
	Other sizes, chiefly quarts <sup>1</sup> .....	1,000 cases.....	5,525	(NA)	(NA)	5,837
2033451	Grapefruit-orange juice blend <sup>1</sup> .....	1,000 cases.....	3,960	10,082	4,700	10,532
	Individual 52, 62.....	1,000 cases of 24.	47	(NA)	118	(NA)
	No. 2.....	1,000 cases of 12.	745	(NA)	1,029	(NA)
	No. 3 cylinder.....	1,000 cases of 6.	3,117	(NA)	3,504	(NA)
	No. 211 cylinder.....	1,000 cases of 24.	20	(NA)	35	(NA)
	Other sizes, chiefly No. 10.....	1,000 cases.....	31	(NA)	14	(NA)
2033453	Grapefruit-pineapple blend.....	..do.....	6,161	18,186	(NA)	(NA)
2033463	Prune juice, total.....	1,000 cases.....	8,347	29,414	(NA)	23,027
2033465	Quart glass.....	1,000 cases of 12.	6,552	23,715	6,322	19,326
2033471	Other sizes.....	1,000 cases.....	1,795	5,699	(NA)	3,701
	Other whole juices and mixtures of whole juices.....	..do.....	6,424	27,524	(NA)	(NA)
	Nectars, total.....	..do.....	8,216	25,670	(NA)	(NA)
2033475	4.1 oz.-7 oz. (62, etc.).....	1,000 cases of 48.	471	1,610	(NA)	(NA)
2033476	7.1 oz.-13 oz. (No. 12 cylinder, 122, etc.).....	..do.....	1,719	6,027	11,610	36,592
2033477	40.1 oz.-60 oz. (No. 3 cylinder).....	1,000 cases of 12.	3,098	9,955	(NA)	(NA)
2033479	Other sizes.....	1,000 cases.....	2,928	6,080	(NA)	(NA)
2033481	Fruit drinks and ades (fruit juice with added sugar, water or citric acid) <sup>2</sup> .....	..do.....	9,885	29,702	(NA)	(NA)
2033485	Concentrated fruit juice, hot pack.....	1,000 cases of 48.	4,732	12,615	(NA)	(NA)
2033489	4.1 oz.-7 oz. (No. 12 cylinder, 122, etc.).....	1,000 cases of 48.	389	1,579	(NA)	(NA)
2033490	Other sizes and bulk.....	1,000 gallons.....	4,403	11,056	8,593	23,957
2033400	Canned fruit juices, fruit drinks and ades, not frozen, not specified by kind.....	..do.....	(NA)	12,275	...	...

See footnotes at end of table.



Table 3.--QUANTITY AND VALUE OF CANNED FRUITS, VEGETABLES, AND SPECIALTIES PACKED IN THE UNITED STATES: 1954 AND 1958--Continued

Product code	Product	Unit of measure	Total production (pack)			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2033--	Canned fruits, vegetables, and specialties--Continued					
20335--	Canned vegetable juices.....	1,000 cases.....	33,611	93,514	...	64,522
2033511	Tomato juice, including combination containing 70% or more tomato juice <sup>1</sup> .....	..do.....	31,551	88,309	24,300	62,072
	Individual 52, 62.....	..do.....	3,096	(NA)	2,440	(NA)
	82.....	..do.....	431	(NA)	440	(NA)
	No. 211 cylinder.....	..do.....	1,300	(NA)	1,420	(NA)
	No. 300.....	..do.....	927	(NA)	780	(NA)
	No. 303 and 303 x 500 (17-1 22).....	..do.....	900	(NA)	480	(NA)
	No. 2.....	..do.....	3,685	(NA)	3,340	(NA)
	No. 3 cylinder.....	..do.....	18,067	(NA)	13,800	(NA)
	No. 10.....	..do.....	502	(NA)	530	(NA)
	Other tin.....	..do.....	1,215	(NA)	340	(NA)
	Glass.....	..do.....	1,468	(NA)	730	(NA)
2033598	Other vegetable juices.....	..do.....	1,472	3,735	496	1,824
2033500	Canned vegetable juices, not specified by kind.....	..do.....	588	1,600	...	...
20336--	Canned baby foods (excluding canned meat), total.....	.....	xxx	167,740	(NA)	148,746
2033611	Fruits.....	1,000 lbs. (net wt.)	313,694	63,694	(NA)	(NA)
2033631	Vegetables.....	..do.....	137,617	27,945	(NA)	(NA)
2033651	Desserts (except fruit).....	..do.....	74,459	14,915	(NA)	(NA)
	Juices:					
2033661	4.1 oz.-7 oz.....	1,000 cases of 24.	6,256	7,555	(NA)	(NA)
2033665	Other sizes.....	1,000 cases.....	657	1,566	(NA)	(NA)
2033698	Other baby foods, except meats <sup>7</sup> .....	1,000 lbs. (net wt.)	219,878	50,065	(NA)	(NA)
2033713	Canned poultry, total.....	1,000 cases.....	3,803	25,590	(NA)	(NA)
2033719	10 oz. and under.....	1,000 cases of 48.	1,758	12,436	(NA)	(NA)
2033713	40.1-60 oz.....	1,000 cases of 12.	423	4,366	(NA)	(NA)
2033715	Other sizes.....	1,000 cases.....	1,682	8,788	(NA)	(NA)
2033719						
20338--	Jams, jellies and preserves, total.....	.....	xxx	190,632	...	159,956
	Jams and preserves, pure:					
2033811	Strawberry.....	1,000 pounds.....	127,184	34,983	90,323	76,674
2033815	Other.....	..do.....	239,779	58,318	159,278	39,856
	Jellies, pure:					
2033821	Grape.....	..do.....	89,922	20,965	65,180	15,006
2033825	Other.....	..do.....	134,646	28,184	101,199	23,834
2033831	Jellies, imitation.....	..do.....	22,208	3,727	33,863	5,057
2033841	Marmalades, citrus, pure.....	..do.....	14,957	3,838	12,073	3,006
2033851	Fruit butter.....	..do.....	43,715	6,384	48,359	5,987
2033861	Maraschino cherries.....	1,000 gallons.....	3,615	17,556	8,514	12,773
2033800	Jams, jellies and preserves, not specified by kind.....	.....	xxx	22,677	xxx	27,763

Note: In comparing Census statistics on canned fruits and vegetables with those published by the National Canners Association, some differences were noted. The principal reasons for difference are (1) the Census reports cover the calendar year, or a fiscal year approximating the calendar year, while the NCA figures cover the crop or pack year, (2) for products packed in glass the Census reports for plants with less than 10 employees were tabulated in the product items captioned "Not specified by kind" rather than under the specific fruit or vegetable.

\*Revised.

NA Not available.

xxx Not applicable.

<sup>1</sup>Breakdown by can size based on percentages supplied by National Canners Association.

<sup>2</sup>Partially estimated to account for plant reports tabulated as "not specified by kind" or not covered in the 1954 Census.

<sup>3</sup>Included in "other canned fruits" or "other canned juices"; includes only the amount packed in continental United States.

<sup>4</sup>Includes this product distributed in glass and paperboard containers by dairies and similar establishments.

<sup>5</sup>Excludes a substantial quantity packed on commission from materials owned by others. Production of this kind was not reported in the Census of Manufactures.

<sup>6</sup>Includes part of 1957 pack because of fiscal year reporting.

<sup>7</sup>Includes chicken products, vegetables with meat, macaroni preparations, soups, etc. Meats and products with a high meat content are classified with canned meats, product code 2033311.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-200-4

### CANNED SEAFOOD INDUSTRY

(Industry Code 2031--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Canned Seafood Industry processed products valued at \$271 million, an increase of 2 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 16 percent from 1954 to 1958 to a total of 12.6 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$87 million in 1958, a decrease of 7 percent from 1954 when the previous census was taken. Adjusted value added is derived by

subtracting the cost of materials, fuels, etc., from value of products made and adding the net change in work-in-process inventory. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE CANNED SEAFOOD INDUSTRY: 1958 AND 1954

(Standard Industrial Classification Code 2031)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	12.6	15.1	-10
Payroll.....	Million dollars...	38.2	37.1	+3
Production workers:				
Number.....	Thousands.....	11.5	14.1	-18
Man-hours.....	Millions.....	17.5	21.0	-16
Wages.....	Million dollars...	52.1	51.1	+3
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	86.2	70.4	+22
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	87.0	93.9	-7
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	184.2	192.0	-4
Value of production <sup>5</sup> .....	..do.....	271.1	265.4	+2
Capital expenditures, new.....	..do.....	2.2	2.1	+5
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	140	151	-7

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further processing, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production." Includes value for resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Canned Seafood Industry includes establishments engaged primarily in cooking and canning fish, shrimp, oysters, clams, and other seafoods. Establishments primarily engaged in shucking and packing fresh oysters in non-sealed containers, or freezing and packing fresh fish are included in Industry 2036, Packaged Seafoods. For a detailed list of products primary to Industry 2031, refer to table 3. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

Because of the difficulty of securing adequate figures on shipments from establishments in this industry, value of production was requested in the 1958 and 1954 Census of Manufactures.

The value of production reported by establishments classified in the Canned Seafood Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified

in the Canned Seafood Industry amounted to \$271 million. The industry production of primary products represented approximately 90 percent of the total processed products (primary and secondary). The 1954 ratio was 96 percent.

The total value of production for the industry, which is the total value of products processed by and miscellaneous receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry processed by all producers. The latter figure, appearing in table 3, indicates that \$270 million of canned seafoods were processed by all producers of these products. Of this total, approximately 90 percent were processed by plants classified in Industry 2031, Canned Seafood, while the remainder was processed by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



Table 2.—GENERAL STATISTICS FOR THE CANNED SEAFOOD INDUSTRY (S.I.C. CODE 2051) BY REGION AND STATE, 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	12,619	38,232	11,517	17,516	32,133	86,182	87,006	271,066	2,230	140	15,131	70,387
Northeast and North Central.....	2,378	6,241	2,163	3,783	5,094	14,389	14,305	34,811	404	39	3,054	11,432
Maine.....	1,685	4,097	1,539	2,692	3,574	9,460	9,441	21,673	166	30	2,506	8,813
New Jersey.....	537	1,616	494	823	1,517	3,806	3,806	8,780	76	6	275	1,787
South and West.....	10,241	31,991	9,354	13,733	27,039	71,793	72,701	236,255	1,826	101	12,075	58,454
Maryland.....	303	415	267	290	360	1,495	1,508	3,214	74	6	219	732
Virginia.....	261	370	237	246	281	644	654	2,067	43	7	385	476
Mississippi.....	344	685	309	410	551	1,408	1,407	5,524	82	5	942	1,710
Louisiana.....	1,113	1,971	948	1,237	1,504	3,470	3,520	14,541	137	17	1,915	5,377
Washington.....	1,158	3,580	1,054	1,412	2,893	9,438	9,434	26,086	249	25	1,397	6,954
Oregon.....	692	2,173	660	1,059	1,899	8,253	8,460	21,148	56	6	719	3,100
California.....	5,573	21,535	5,177	8,248	18,586	43,667	44,498	153,723	1,007	23	5,755	38,289

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further processing, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF CANNED FISH AND OTHER SEAFOOD PACKED: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishment classified in the Canned Seafood Industry but also by establishments making these items as secondary products in other industries. See text under "Value of production")

Product code	Product	Total production			
		1958		1954	
		Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)
2051—	Canned seafood, total <sup>1</sup> .....	571,269	270,014	507,986	239,945
2051011	Canned fish and other seafood, except soups, stews, and chowders.....	527,222	260,406	466,064	230,712
	Salmon (excluding Alaska pack).....	36,512	26,713	51,282	28,923
	Sardines, Maine (herring).....	49,139	15,874	59,579	18,153
	Sardines, California (pilchard).....	100,016	16,497	60,214	9,818
	Tuna.....	255,834	154,809	217,265	135,307
	Tuna, specialties.....	2,004	918	3,461	2,230
	Mackerel, including jack mackerel.....	18,199	2,657	16,478	2,509
	Anchovies.....	1,679	309	9,866	2,773
	Other species of fish.....	7,598	679	9,694	829
	Fish cakes and loaf.....	5,003	1,618	4,381	1,295
	Roe, caviar and other fish products.....	2,146	1,688	1,848	1,300
	Whole and minced clam (drained weight).....	10,557	4,813	5,767	4,061
	Crabs.....	1,859	1,924	2,166	2,447
	Oysters (drained weight).....	5,472	5,342	6,266	5,975
	Shrimp (drained weight).....	14,554	20,885	14,111	13,791
	Cefilte fish.....	11,286	4,024	3,684	1,281
	Other seafood.....	5,124	1,656		
2051051	Canned seafood soups, stews, and chowders (clam chowder, oyster stew, turtle soup, etc.).....	44,047	9,600	41,922	9,233

<sup>1</sup>Detail figures developed from "Manufactured Fishery Products, 1958," Fish and Wildlife Service, Department of the Interior. Since the Fish and Wildlife Service collected detail information on commercial fisheries and fish processors, only limited product information was collected in the Census of Manufactures.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-200-5

### PACKAGED SEAFOOD INDUSTRY

(Industry Code 2036—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Packaged Seafood Industry processed products valued at \$307 million, an increase of 74 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 45 percent from 1954 to 1958 to a total of 17.7 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$82 million in 1958, an increase of 73 percent from 1954 when the previous census was taken. Adjusted value added is derived

by subtracting the cost of materials, fuels, etc., from value of products made and adding the net change in work-in-process inventory. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE PACKAGED SEAFOOD INDUSTRY: 1958 AND 1954

(Standard Industrial Classification Code 2036)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	17.7	12.2	+45
Payroll.....	Million dollars...	40.9	27.2	+50
Production workers:				
Number.....	Thousands.....	15.6	11.2	+39
Man-hours.....	Millions.....	27.4	18.8	+46
Wages.....	Million dollars...	31.8	21.5	+48
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	78.3	45.7	+71
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	82.3	47.5	+73
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	225.6	129.5	+74
Value of production <sup>5</sup> .....	..do.....	307.3	176.8	+74
Capital expenditures, new.....	..do.....	3.6	2.8	+29
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	227	135	+68

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the differences resulting from the purchase and resale of products without further processing, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further processing.

<sup>5</sup>For explanation see text under "Value of production." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

mts.

The Packaged Seafood Industry includes manufacturing establishments engaged primarily in preparing fresh or frozen packaged fish or other seafood. This industry also includes establishments primarily engaged in the shucking and packaging of fresh oysters in nonsealed containers. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in the Packaged Seafood Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Packaged Seafood Industry amounted to \$307 million. Of this total, \$254 million were products primary to the industry, \$24 million were products primary to other industries and \$29 million were receipts for miscellaneous activities. The industry production of primary products represented 91 percent of the total manufactured processed products (primary and secondary). The 1954 ratio was 94 percent.

The total value of production for the industry, which is the total value of products processed by and miscellaneous receipts of estab-

lishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry processed by all producers. The latter figure, appearing in table 3, indicates that \$267 million of fresh and frozen packaged seafood were processed by all producers of these products. Of this total, \$254 million, or 95 percent, were processed by plants classified in Industry 2036, Packaged Seafood, while the remainder was processed by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 CENSUS OF MANUFACTURES

3

Table 2.--GENERAL STATISTICS FOR THE PACKAGED SEAFOOD INDUSTRY (S.I.C. CODE 2000) BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of production	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	17,694	40,891	15,622	27,365	31,831	78,300	82,337	307,255	3,551	127	12,400	45,657
New England.....	3,281	15,490	2,833	5,772	8,112	25,431	21,193	79,004	671	39	2,591	11,546
Massachusetts.....	2,628	8,494	2,239	4,920	6,395	16,278	17,036	70,261	639	32	2,188	10,113
Middle Atlantic.....	1,332	3,802	1,093	2,015	2,565	8,888	8,945	24,407	382	18	1,179	7,236
New York.....	332	990	284	617	764	2,356	2,363	7,712	121	5	445	2,987
North Central.....	350	1,125	291	641	872	2,439	2,333	11,378	101	5	84	391
South Atlantic.....	8,443	14,513	7,671	12,299	11,459	25,776	27,055	95,036	1,370	103	5,486	16,442
Maryland.....	1,804	2,854	1,659	2,258	2,414	4,822	5,214	16,661	306	34	1,619	3,631
Virginia.....	2,596	4,680	2,351	3,539	3,345	7,684	8,198	24,240	333	39	1,962	5,345
Georgia.....	1,977	3,647	1,802	3,362	2,252	6,554	6,553	22,235	145	17	1,291	5,367
Florida.....	1,702	3,441	1,550	2,768	2,503	5,881	6,242	29,136	178	17	545	2,187
East South Central.....	210	315	182	291	247	834	836	2,477	148	7	151	727
West South Central.....	2,077	4,065	1,842	3,176	3,265	8,688	8,669	45,685	337	25	1,575	4,716
Louisiana.....	505	1,003	422	737	812	1,603	1,576	6,283	98	17	885	2,454
Texas.....	1,572	3,062	1,420	2,439	2,453	7,085	7,093	39,402	239	15	690	2,262
Pacific.....	2,001	6,581	1,710	3,172	5,311	11,644	13,304	49,268	542	29	1,131	4,291
Washington.....	975	3,812	795	1,662	2,924	6,022	7,705	33,682	312	12	597	2,874
Oregon.....	410	1,118	387	599	997	959	938	5,164	28	7	383	800
California.....	616	1,651	528	911	1,390	4,663	4,661	16,420	202	10	151	616

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further processing, plus (c) the net change in and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees) classified in the industry.

Table 3.--QUANTITY AND VALUE OF PRODUCTION OF FRESH AND FROZEN PACKAGED SEAFOOD: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Packaged Seafood Industry but also establishments making these items as "secondary" products)

Product code	Product	Total production			
		1958		1954	
		Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)
2036--	Packaged seafood, total.....	xxx	266,089	xxx	158,049
2036100	Frozen seafood and seafood soups (fish, shrimp, oysters, clams, etc.).....	432,024	188,969	242,630	103,951
2036211	Fresh packaged seafood (fillets, steaks, shucked oysters, etc., not frozen).....	(NA)	59,036	188,586	53,552
2036000	Fresh and frozen packaged fish and seafood, not specified by kind.....	xxx	18,084	xxx	546

xxx Not applicable.

NA Not available.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.

1958  
Census  
of  
Manufactures

Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-20C-6

FROZEN FRUITS AND VEGETABLES INDUSTRY

(Industry Code 2037—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Frozen Fruits and Vegetables Industry shipped products valued at \$690 million, an increase of 59 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 23 percent from 1954 to 1958 to a total of 26.3 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$219.3 million in 1958, an increase of 30 percent from 1954 when the previous census was taken. Adjusted

value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

1C-  
t

erials,  
adding  
in-pro-  
ion in  
the use  
shments  
rposes,  
mparing  
anufac-  
No ad-  
figures  
levels

Table 1.—GENERAL STATISTICS FOR THE FROZEN FRUITS AND VEGETABLES INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2037)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	26.3	21.4	+23
Payroll.....	Million dollars...	23.4	57.2	+41
Production workers:				
Number.....	Thousands.....	22.4	18.6	+20
Man-hours.....	Millions.....	43.6	36.1	+21
Wages.....	Million dollars...	63.3	45.9	+38
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	214.5	148.9	+44
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	219.3	169.4	+30
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	472.1	284.8	+66
Value of shipments <sup>5</sup> .....	..do.....	690.1	435.0	+59
Capital expenditures, new.....	..do.....	11.3	10.6	+6
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	178	168	+6

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

change  
1954

1958

1954

1958

1954

1958

1954

1958

1954

1958

1954

1958

1954

1958

U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00



The Frozen Fruits and Vegetables Industry includes establishments engaged primarily in the manufacture of quick-frozen and cold-pack (frozen) vegetables, fruits and fruit juices. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Frozen Fruits and Vegetables Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Frozen Fruits and Vegetables Industry amounted to \$690 million. Of this total, \$519 million were products primary to the industry, \$140 million were products primary to other industries, and \$31 million were receipts for miscellaneous activities. The industry shipments of primary products represented 79 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 88 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3 indicates that \$607 million of frozen fruits and vegetables were shipped by all producers of these products. Of this total, \$519 million, or 86 percent, were shipped by plants classified in Industry 2037, Frozen Fruits and Vegetables, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE FROZEN FRUIT AND VEGETABLE INDUSTRY (C.I.T. CODE 2000) BY REGION AND SELECTED STATES: 1958

Region and State <sup>1</sup>	1958									1954		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	26,218	83,352	22,646	43,644	11,100	214,532	219,321	69,116	11,287	108	1,481	148,117
New England.....	1,016	2,794	999	2,044	2,100	7,525	7,546	17,745	281	4	147	482
Middle Atlantic.....	3,192	1,376	2,703	3,605	3,072	21,677	23,208	61,394	955	27	3,811	71,786
New York.....	1,366	3,667	1,276	2,446	3,049	10,973	11,117	24,476	486	14	1,665	9,310
North Central.....	1,365	7,222	1,178	2,269	3,137	10,523	11,010	27,138	722	12	1,384	8,398
Michigan.....	676	2,116	564	913	1,273	6,154	6,157	16,723	283	8	539	2,154
South Atlantic.....	7,131	24,190	5,722	13,311	16,964	80,802	81,632	26,549	4,430	38	5,611	47,328
East South Central.....	657	1,210	594	704	892	3,406	4,020	9,962	307	6	495	1,397
Tennessee.....	618	1,125	558	641	811	3,334	3,948	9,511	307	6	472	1,364
West South Central.....	1,126	2,124	1,055	1,765	1,771	3,518	3,530	9,148	81	8	836	3,082
Mountain.....	1,342	3,651	1,245	2,287	3,149	10,857	10,667	23,656	259	9	886	3,432
Pacific.....	10,419	34,785	9,148	15,871	27,093	76,224	77,714	214,258	4,245	83	8,363	62,709
Washington.....	1,965	7,817	1,686	3,689	6,368	19,323	19,194	46,449	1,044	23	2,212	16,410
Oregon.....	2,273	7,442	2,039	3,786	5,974	18,037	17,997	40,111	992	16	1,573	10,653
California.....	6,181	19,526	5,423	8,396	14,751	38,864	40,523	121,450	2,209	44	4,578	35,645

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in the case of associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

-248-

ic-  
t

erials,  
addin  
in-pro  
ion in  
the use  
shments  
xposes,  
compar  
manufac-  
No ad-  
figures  
levels

at change

to 1958

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

-1.1

Table 3.—QUANTITY AND VALUE OF FROZEN FRUITS AND VEGETABLES SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Frozen Fruits and Vegetables Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of quantity	Total production			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2037---	Frozen fruits, and vegetables, total.....	.....	xxx	606,580	xxx	431,252
20371--	Frozen fruits and juices <sup>1</sup> .....	.....	xxx	367,758	xxx	256,481
2037111	Apples.....	.....	39,582	5,421	48,047	7,492
2037132	Blueberries.....	.....	11,451	2,961	8,378	2,346
2037134	Red raspberries.....	.....	13,281	2,433	20,849	5,383
2037135	Strawberries.....	.....	193,585	40,635	156,654	41,864
2037137	Boysenberries.....	.....	5,489	966	(2)	(2)
2037141	Red sour cherries.....	.....	49,640	7,237	50,832	8,806
2037151	Peaches.....	.....	31,012	4,206	29,067	4,885
2037169	Other frozen fruits and berries.....	.....	80,797	18,044	58,328	9,024
	Frozen fruit and berry juices, concentrated:					
	Orange juice:					
2037181	4.1 oz.-7 oz.....	Cases of 48.....	16,071,855	131,085	(3)	127,842
2037182	10.1 oz.-13 oz.....	Cases of 24.....	4,166,528	33,836		
2037183	Other sizes.....	.....	xxx	28,886		
	Lemonade:					
2037185	4.1 oz.-7 oz.....	Cases of 48.....	3,231,520	12,668	(3)	17,952
2037186	10.1 oz.-13 oz.....	Cases of 24.....	613,821	2,365		
2037187	Other sizes.....	.....	xxx	2,273		
	Grape juice:					
2037190	4.1 oz.-7 oz.....	Cases of 48.....	1,602,112	10,025	(3)	13,245
2037191	10.1 oz.-13 oz.....	Cases of 24.....	420,046	2,451		
2037192	Other sizes.....	.....	xxx	6,987		
2037195	Other frozen fruit and berry juices, concentrated.....	Cases.....	3,551,183	20,271	(3)	12,015
2037198	Other frozen fruits and juices, n.e.c.....	.....	xxx	25,000	...	...
2037100	Frozen fruits and juices, not specified by kind.....	.....	xxx	10,008	xxx	5,627
20372	Frozen vegetables.....	.....	xxx	230,348	xxx	168,149
2037211	Asparagus.....	.....	23,232	8,617	31,161	12,004
2037215	Beans, green and wax.....	.....	143,082	29,911	120,094	24,542
2037221	Beans, fresh lima.....	.....	112,236	21,786	123,038	26,811
2037225	Broccoli.....	.....	106,772	21,832	66,591	14,374
2037231	Brussels sprouts.....	.....	34,556	8,830	35,893	8,970
2037235	Cauliflower.....	.....	30,463	6,297	18,044	3,960
2037241	Green peas.....	.....	241,053	35,392	196,699	30,627
2037245	Spinach.....	.....	92,768	12,758	64,944	8,954
2037247	Potatoes and potato products (french fried, patties, puffs, etc.).....	.....	204,566	34,729	(3)	(3)
2037251	Sweet corn, cut.....	.....	111,143	15,718	81,912	12,041
2037298	Other frozen vegetables.....	.....	215,359	31,060	137,516	21,653
2037200	Frozen vegetables, not specified by kind.....	.....	xxx	3,418	xxx	4,213
2037000	Frozen fruits, fruit juices and vegetables, not specified by kind.....	.....	xxx	8,474	xxx	6,622

xxx Not applicable.

<sup>1</sup>Not including products frozen on farms. Comparison with data published by the National Association of Frozen Food Packers indicates that farm production was of some importance for frozen fruits and vegetables but negligible for juices.

<sup>2</sup>Included in Other frozen fruits and berries; code 2037169.

<sup>3</sup>In 1954, quantity of production was collected in pounds. In that year the following quantities were produced: Orange juice, 614,387 thousand pounds; Lemonade, 104,928 thousand pounds; Grape juice, 35,222 thousand pounds; Other fruit and berry juices, 48,442 thousand pounds.

<sup>4</sup>Also see code 2099771 for 1958.

<sup>5</sup>Included in Other frozen vegetables; code 2037298.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-23D-1

### RICE MILLING INDUSTRY

(Industry Code 2044—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Rice Milling Industry shipped products valued at \$325 million, an increase of 19 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 2 percent from 1954 to 1958 to a total of 3.9 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$57 million in 1958, an increase of 29 percent from 1954 when the previous census was taken. Adjusted value added is

derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE RICE MILLING INDUSTRY IN THE UNITED STATES: 1958 and 1954

(Standard Industrial Classification Code 2044)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	3.9	4.0	-2
Payroll.....	Million dollars...	14.4	13.4	+8
Production workers:				
Number.....	Thousands.....	3.1	3.1	-
Man-hours.....	Millions.....	6.1	7.1	-14
Wages.....	Million dollars...	9.3	8.4	+11
Value added by manufacture, unadjusted <sup>2</sup> .....	...40.....	44.8	34.4	+29
Value added by manufacture, adjusted <sup>3</sup> .....	...40.....	57.2	44.3	+29
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	...40.....	27.1	31.1	-13
Value of shipments <sup>5</sup> .....	...40.....	324.8	274.8	+18
Capital expenditures, new.....	...40.....	1.4	1.5	-6
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	50	52	-4

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

cents.

The Rice Milling Industry includes establishments engaged primarily in cleaning and polishing rice. The important products of this industry include milled rice (including polished rice), brewers rice, and rice bran. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Rice Milling Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Rice Milling Industry amounted to \$325 million. Of this total, \$290 million were products primary to the industry, \$4 million were products primary to other industries, and \$31 million were receipts for miscellaneous activities. The industry shipments of primary products represented 99 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 99 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$291 million of milled rice were shipped by all producers of these products. Of this total, \$290 million, or virtually 100 percent, were shipped by plants classified in Industry 2044, Rice milling, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



— • —

LC-

materials,  
adding  
in-pro-  
tion in  
the use  
shments  
rposes,  
comparing  
manufac-  
No ad-  
figures  
levels

图 2-1-2

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-20D-2

### CEREAL BREAKFAST FOODS INDUSTRY

(Industry Code 2043--SIC system in use through 1957)

(Advance information on industries and products in the 1958 Census of Mineral Industries. This report will be superseded by a 1958 Census of Mineral Industries final report, which, in turn, will be included in Volume I, Summary and Industry Statistics)

During 1958, manufacturers in the Cereal Breakfast Foods Industry shipped products valued at \$444 million, an increase of 21 per cent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 4 percent from 1954 to 1958 to a total of 11.0 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$343 million in 1958, an increase of 37 percent from 1954 when the previous census was taken. Adjusted

value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE CEREAL BREAKFAST FOODS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2043)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	11.0	11.1	-
Payroll.....	Million dollars..	62.2	71.	+20
Production workers:				
Number.....	Thousands.....	7.5	7.1	-
Man-hours.....	Millions.....	16.9	18.	+20
Wages.....	Million dollars..	46.3	51.	+11
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	238.6	173.3	+38
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	242.6	177.	+37
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	202.4	188.	+7
Value of shipments <sup>5</sup> .....	..do.....	443.9	367.	+21
Capital expenditures, \$6*.....	..do.....	11.0	9.4	+16
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	20	27	-

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00



The Cereal Breakfast Foods Industry includes establishments engaged primarily in the manufacture of breakfast foods and other cereal preparations from grain. Principal products of the industry are breakfast cereals made of wheat, corn or rice, and cereal preparations to be cooked before serving, such as farina and oatmeal. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Cereal Breakfast Foods Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Cereal Breakfast Foods Industry amounted to \$444 million. Of this total, \$347 million were products primary to the industry, \$58 million were products primary to other industries, and \$39 million were receipts for miscellaneous activities. The industry shipments of primary products represented 86 percent of the total

manufactured product shipments (primary and secondary). The 1954 ratio was 77 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$426 million of cereal breakfast foods were shipped by all producers of these products. Of this total, \$347 million, or 81 percent, were shipped by plants classified in Industry 2043, Cereal Breakfast Foods, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

Region and State <sup>1</sup>	1958										1954
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	Value added by manufacture, unadjusted <sup>3</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)				
United States.....	11,209	42,170	8,543	16,903	41,207	132,151	242,400	443,9			
Northeast.....	933	4,31	757	1,491	1,114	1,113	1,114	24,11			
East North Central.....	7,633	45,492	5,904	11,480	31,1	171,997	172,813	297,64	1,179		
Michigan.....	6,059	35,871	4,809	9,331	26,241	137,951	138,099	228,60			
West North Central.....	1,941	10,122	1,530	3,234	7,488	40,167	42,549	111,696	1,741		
West.....	451	2,238	353	697	1,612	11,266	12,128	19,771	139		

<sup>1</sup>Some producing State not shown separately in the above table was withheld either as too small to disclose figures for individual companies, or as associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional figures for the total will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees, classified in the industry.

-248-

LC-  
t

erials,  
adding  
in-pro-  
tion in  
the use  
shments  
rposes,  
paring  
anufac-  
No ad-  
figures  
levels

Table 3.—QUANTITY AND VALUE OF CEREAL BREAKFAST FOODS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 and 1954

(Includes quantity and value of these products reported not only by establishments classified in the Cereal Breakfast Foods Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)
2043---	Cereal breakfast foods, total.....	xxx	430,788	xxx	330,970
	Ready-to-serve:				
2043011	Corn flakes and other corn breakfast foods.....	310,545	82,709	274,535	67,726
2043012	Wheat flakes and other wheat breakfast foods.....	346,314	100,351	331,599	80,821
2043019	Preparations of other grains and mixed grains.....	394,516	159,209	320,025	97,465
	To be cooked before serving:				
2043052	Farina and other wheat foods.....	132,674	21,791	140,828	21,762
2043053	Rolls oats and oatmeal.....	482,489	57,007	449,785	46,726
2043059	Preparations of other grains and mixed grains.....	xxx	19,721	xxx	5,681
2043000	Cereal breakfast foods, not specified by kind.....	xxx		xxx	11,781

\*Revised.

xxx Not applicable.

<sup>1</sup>Includes cereal coffee substitute.

ents.

**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May, 1960

MOIP1-201-3

### FLOUR AND FLOUR MIXES INDUSTRIES

(Industry Codes 2041 and 2044—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Industry 2041, Flour and Meal, shipped products valued at \$2,094 million, an increase of 5 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 2 percent from 1954 to 1958 to a total of 28.3 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$410 million in 1958, an increase of 24 percent from 1954 when the previous census was taken. Adjusted value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Manufacturers in Industry 2045, Flour Mixes, shipped products valued at \$273 million, an increase of 2 percent over 1954. Average employment in this industry decreased 16 percent from 1954 to 1958 to a total of 4.7 thousand employees in 1958. Whereas adjusted value added

by manufacture in the industry amounted to \$116 million, an increase of 9 percent from the previous census year, 1954.

The Flour and Meal Industry includes manufacturing establishments engaged primarily in the milling of flour or meal from grain, except rice (Industry 2044). Such flour and grain mills may also produce cracked grain used as cereal or stock dry feed, or blended and prepared flours, principally from products ground in the same establishment.

The Flour Mixes Industry includes manufacturing establishments engaged primarily in the preparation of self-rising, blended flour, and flour mixes from purchased flour. Important products of this industry include plain blended flour, and phosphated, self-rising, and other kinds of prepared flour mixes such as biscuit, cake, doughnut, and pancake mixes. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1947 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1947 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C. and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Flour and Meal and Flour Mix Industries consisted not only of products described above as primary to the industries, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Flour and Meal Industry amounted to \$2,094 million. Of this total, \$1,836 million were products primary to the industry including flour mixes made in these establishments, \$128 million were products primary to other industries, and \$130 million were receipts for miscellaneous activities. The industry shipments of primary products represented 93 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 94 percent.

The total value of shipments and other receipts of establishments classified in the Flour Mixes Industry amounted to \$273 million. Of this total, \$178 million were products primary to the industry, \$80 million were products primary to other industries, and \$15 million were receipts for miscellaneous activities. The industry shipments of primary products represented 69 percent of the total manufactured product

shipments (primary and secondary). The 1954 ratio was 71 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,683 million of flour and meal products were shipped by all producers of these products. Of this total, \$1,584 million, or 82 percent, were shipped by plants classified in Industry 2041, Flour and Meal, while the remainder was shipped by plants classified in other industries. Flour mixes valued at \$471 million were shipped by all producers; establishments classified in Industry 2045 accounted for \$178 million or 38 percent of all flour mixes shipped.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



Table 1.—GENERAL STATISTICS FOR THE FLOUR AND MEAL INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2041)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	28.3	29.0	-2
Payroll.....	Million dollars...	139.7	119.8	+17
Production workers:				
Number.....	Thousands.....	20.4	21.4	-5
Man-hours.....	Millions.....	44.4	47.9	-7
Wages.....	Million dollars...	95.5	83.8	+14
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	344.2	315.1	+25
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	409.6	330.6	+24
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	1,684.8	1,672.0	+1
Value of shipments <sup>5</sup> .....	..do.....	2,094.4	2,002.2	+5
Capital expenditures, new.....	..do.....	21.9	15.2	+44
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	251	260	-3

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 1A.—GENERAL STATISTICS FOR THE FLOUR MIXES INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2045)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	4.7	5.6	-16
Payroll.....	Million dollars...	27.9	25.4	+10
Production workers:				
Number.....	Thousands.....	3.5	4.4	-20
Man-hours.....	Millions.....	7.3	8.8	-17
Wages.....	Million dollars...	17.4	17.0	+2
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	108.2	103.1	+5
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	116.1	106.1	+9
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	160.4	161.7	-1
Value of shipments <sup>5</sup> .....	..do.....	273.4	267.2	+2
Capital expenditures, new.....	..do.....	8.4	5.4	+55
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	28	34	-17

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

204-7

ials,  
adding  
-pro-  
in  
the use  
ments  
oses,  
aring  
ufac-  
No ad-  
figures  
levels

Range  
1958

were not

ile of  
between

into in-

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE FLOUR AND FLOUR MIXES INDUSTRIES (S. I. C. CODES 2041 AND 2045) BY REGION AND SELECTED STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958								1954			
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup> (\$1,000)	Adjusted <sup>5</sup> (\$1,000)					
FLOUR AND MEAL												
United States, total.....	28,290	139,730	20,382	44,357	95,528	394,248	409,583	2,094,442	21,874	251	28,969	315,143
Northeast.....	2,541	14,413	2,013	4,392	10,991	40,843	41,259	247,657	2,468	15	2,840	30,379
New York.....	2,122	12,616	1,670	3,632	9,721	37,460	37,540	224,495	2,169	11	2,282	26,901
Pennsylvania.....	363	1,496	301	675	1,110	2,765	3,054	19,223	274	3	481	2,810
East North Central.....	5,548	30,103	3,877	8,522	20,031	73,986	75,951	399,340	4,436	39	5,998	73,435
Ohio.....	634	2,951	510	1,056	2,261	8,007	7,581	63,968	848	8	728	7,138
Michigan.....	881	4,913	558	1,361	2,879	11,445	11,980	60,091	616	8	785	6,663
West North Central.....	8,004	40,712	6,048	13,204	29,842	126,546	131,505	728,320	8,187	79	7,667	88,244
Minnesota.....	1,910	10,486	1,458	3,182	7,682	26,299	27,127	184,036	2,099	18	2,236	20,920
Iowa.....	308	1,511	236	514	1,163	2,951	3,918	29,171	374	4	294	4,530
Missouri.....	2,241	11,134	1,703	3,477	8,273	39,663	42,398	177,095	2,078	13	1,537	17,775
Nebraska.....	805	3,922	609	1,399	2,939	12,452	12,852	76,681	855	8	595	7,030
Kansas.....	2,523	12,588	1,887	4,254	9,007	41,437	41,442	242,068	2,622	32	2,698	34,832
South Atlantic.....	2,586	9,106	1,771	3,832	5,289	24,706	25,231	91,142	1,560	33	2,709	18,744
Maryland.....	270	1,523	190	406	895	9,344	9,331	22,204	148	2	307	7,297
North Carolina.....	831	2,996	571	1,250	1,990	5,593	5,905	26,250	416	13	836	3,303
East South Central.....	1,944	7,099	1,480	3,109	4,938	22,682	22,596	90,015	997	17	2,530	23,743
Kentucky.....	926	3,552	697	1,451	2,423	12,387	12,678	41,828	467	8	787	9,143
Alabama.....	126	278	100	177	206	911	904	3,164	123	...	399	5,017
West South Central.....	3,112	14,135	2,111	4,511	8,982	37,122	38,945	199,679	1,978	27	2,747	27,743
Texas.....	2,225	9,708	1,479	3,101	6,041	24,758	26,828	129,812	977	16	1,783	16,738
Mountain.....	1,622	7,592	1,096	2,572	5,187	25,576	27,369	122,862	929	20	1,734	19,433
Montana.....	248	1,142	182	420	895	4,366	4,392	18,541	68	4	263	3,779
Idaho.....	197	834	155	388	687	1,492	1,863	12,864	290	4	330	2,194
Colorado.....	306	1,513	245	631	1,243	4,276	5,158	35,426	118	3	434	3,913
Utah.....	547	2,800	353	797	1,770	12,886	13,284	45,621	414	4	481	8,432
Pacific.....	2,933	16,565	1,986	4,215	10,268	42,787	46,727	215,427	1,359	21	2,742	33,418
Washington.....	1,135	6,328	849	1,761	4,570	15,232	15,558	77,919	442	7	1,254	15,545
Oregon.....	540	3,158	394	847	2,014	9,024	9,122	59,384	370	7	693	6,263
California.....	1,258	7,079	743	1,607	3,684	18,531	22,047	78,124	547	7	795	11,609
FLOUR MIXES												
United States, total.....	4,722	27,882	3,479	7,320	17,409	108,162	116,053	273,442	8,400	28	5,585	103,134
New England.....	104	470	80	160	287	925	1,087	2,991	60	2	152	1,860
Middle Atlantic.....	1,592	9,051	1,259	2,637	5,948	31,900	35,295	77,755	638	6	1,731	29,900
New York.....	1,432	8,278	1,130	2,370	5,361	28,580	32,002	70,735	551	3	1,426	25,734
Illinois.....	543	3,905	321	667	1,311	9,799	10,976	28,176	270	5	1,533	31,511
Michigan.....	47	213	28	54	101	512	510	1,599	10	...	100	976
West North Central.....	299	1,503	186	378	748	7,056	6,876	17,975	110	4	436	7,898
South.....	105	369	78	162	215	992	1,070	2,939	47	...	238	1,314
Texas.....	43	140	33	81	93	337	390	995	4	...	33	256
West.....	883	5,477	623	1,352	3,477	22,873	25,138	65,731	(D) 7	7	823	18,695

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.<sup>4</sup>For explanation see text under "Value of shipments."<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 1.—QUANTITY AND VALUE OF FLOUR AND MEAL AND FLOUR MIXES SHIPPED BY ALL PRODUCERS IN THE UNITED STATES

(Includes quantity and value of these products reported not only by establishments classified in the "primary" industries but also by establishments making these items as "secondary" products in other industries. See text for details.)

Product code	Product	Unit of measure	1958		1954	
			Total production (quantity)	Total shipments including interplant transfers	Total production (quantity)	Total shipments including interplant transfers
				Quantity Value (\$1,000)		Quantity Value (\$1,000)
2041— and 2045—	Flour and meal and flour mixes, total.....	.....	xxx	xxx 2,113,730	xxx	xxx 2,113,730
2041—	Flour and meal, total.....	.....	xxx	xxx 1,632,697	xxx	xxx 1,632,697
20411—	Wheat flour, except blended or prepared.....	thousand sacks (cwt.).....	248,755	228,832 1,294,200	221,407	212,764 1,171,300
	White:	..do.....				
2041101	Enriched, total.....	..do.....	80,578	xxx xxx 60,982	xxx	xxx
2041112	Shipped in bulk, including containers over 100 lbs.....	..do.....	xxx	12,872 68,836	xxx	16,422 83,330
2041113	Shipped in bags or containers, 96-100 lbs.....	..do.....	xxx	33,074 178,296		
2041117	Shipped in bags or containers, less than 96 lbs.....	..do.....	xxx	26,819 188,451		
2041120	Plain, total.....	..do.....	153,584	xxx xxx 144,731	xxx	xxx
2041122	Shipped in bulk, including containers over 100 lbs.....	..do.....	xxx	46,362 248,864	xxx	140,493 809,831
2041123	Shipped in bags or containers, 96-100 lbs.....	..do.....	xxx	91,733 504,436		
2041127	Shipped in bags or containers, less than 96 lbs.....	..do.....	xxx	4,153 24,662		
2041131	Whole wheat.....	..do.....	2,944	2,937 15,953	3,474	3,643 19,507
2041151	Durum flour and semolina.....	..do.....	8,359	8,286 47,049	7,528	7,460 43,234
2041198	Other wheat flour including farina..	..do.....	2,020	1,944 11,623	4,687	4,627 28,967
2041100	Wheat flour, not specified by kind.....	..do.....	...	xxx 7,930	...	...
2041211	Wheat bran, shorts and middlings.....	thousand tons.....	4,678	4,561 164,150	4,440	4,124 147,067
20413—	Dry corn milling products.....	.....	xxx	xxx 70,215	xxx	xxx 64,194
	Corameal for human consumption:	.....				
2041311	Whole corameal.....	thousand sacks (cwt.).....	xxx	4,996 23,722	xxx	16,783 132,434
2041315	Degermed corameal.....	..do.....	xxx	7,060 31,191	xxx	5,357 31,760
2041351	Corameal for animal feed.....	..do.....	xxx	2,278 8,013	xxx	(1) (1)
2041300	Dry corn milling products, not specified by kind.....	..do.....	...	xxx 7,289	...	...
20414—	Other grain mill products.....	.....	xxx	xxx 130,047	xxx	xxx 123,613
2041411	Rye flour.....	..do.....	2,034	2,078 8,465	2,262	2,148 8,446
2041431	Corn grits and hominy for human consumption.....	..do.....	xxx	5,855 29,932	xxx	4,111 22,296
2041435	Corn grits and flakes for brewers <sup>1</sup>	..do.....	xxx	7,685 30,147	xxx	7,079 31,068
2041451	Hominy feed and other byproducts of dry corn milling (for animal feed).	thousand tons.....	xxx	765 32,332	xxx	634 33,972
2041471	Oat millfeed and other byproducts of oats.....	..do.....	xxx	158 4,185	xxx	316 9,726
2041498	Other grain mill products (rye, offal, corn flour, buckwheat flour, etc.).....	thousand sacks (cwt.).....	xxx	xxx 24,986	xxx	xxx 18,205
2041000	Flour and meal, not specified by kind..	.....	...	xxx 24,085	...	...
2045—	Prepared flour and flour mixes.....	.....	xxx	xxx 471,033	xxx	xxx 402,643
2045—	Made in flour mills.....	.....	xxx	xxx 251,621	xxx	xxx 194,050
20450—	Made in other industries.....	.....	xxx	xxx 219,412	xxx	xxx 208,593
20450—	Total, all industries.....	.....	xxx	xxx 471,033	xxx	xxx 402,643
2045011	Phosphated flour.....	thousand sacks (cwt.).....	xxx	7,600 49,263	xxx	5,240 34,151
2045031	Self-rising flour.....	..do.....	xxx	11,366 76,371	xxx	10,306 70,489
2045041	Pancake and waffle mixes.....	..do.....	xxx	2,978 14,045	xxx	2,895 34,030
2045043	Cake mixes.....	..do.....	xxx	7,069 164,800	xxx	5,675 137,389
2045045	Biscuit mixes.....	..do.....	xxx	1,735 26,695	xxx	1,576 23,885
2045047	Pie crust mixes.....	..do.....	xxx	708 14,850	xxx	830 18,054
2045049	Other prepared flour mixes.....	..do.....	xxx	6,366 95,914	xxx	5,782 84,645
2045000	Blended and prepared flour, not specified by kind.....	.....	xxx	xxx 2,495	xxx	...

xxx Not applicable.

<sup>1</sup>In 1954, Code 2041351 has been combined with 2041311.

20H-7

rials,  
adding  
a-pro-  
on in  
he use  
ments  
poses,  
paring  
nufac-  
No ad-  
figures  
levels

t change  
to 1958

-28  
-11  
-28  
-29  
-11

-3  
-11  
-1  
-8  
0.0  
-31

were not

remains of  
a between

ents in-

USCIB-DC

(s.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.



1958  
Census  
of  
Manufactures

Industry and Product Reports

(Subject to Revision)

June 1960

MC(P)-20D-4

PREPARED ANIMAL FEEDS INDUSTRY

(Industry Code 2042--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Prepared Animal Feeds Industry shipped products valued at \$3,234 million, an increase of 8 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 5 percent from 1954 to 1958 to a total of 57.0 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$799 million in 1958, an increase of 27 percent from 1954 when the previous census was taken. Adjusted value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geo-

graphic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

The Prepared Animal Feeds Industry includes establishments engaged primarily in the manufacture of prepared feeds for animals and fowls. Prepared feeds include those made from milled grains; animal, marine, and vegetable proteins; alfalfa meals, bone meal, calcium carbonate, manganese, and other mineral supplements; fish liver oils, distillers' solubles, and other vitamin supplements. Mills primarily engaged in cracking grain and preparing stock dry feeds are classified in Industry 2041. Mills primarily engaged in custom grinding of feeds or other agricultural services are excluded from the Census of Manufactures. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

Table 1.—GENERAL STATISTICS FOR THE PREPARED ANIMAL FEEDS INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2042)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	57.0	59.9	-5
Payroll.....	Million dollars...	250.8	225.2	+11
Production workers:				
Number.....	Thousands.....	37.9	41.3	-8
Man-hours.....	Millions.....	82.0	91.2	-10
Wages.....	Million dollars...	151.2	138.5	+9
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	747.0	584.1	+28
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	799.2	630.0	+27
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	2,439.0	2,354.6	+4
Value of shipments <sup>5</sup> .....	..do.....	3,233.6	2,981.4	+8
Capital expenditures, new.....	..do.....	56.8	36.8	+54
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	712	685	+4

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.  
<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.  
<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.  
<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.  
<sup>5</sup>For explanation see text under "Value of shipments."  
<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

Substantial quantities of prepared feeds are mixed at locations which are not included in the Census of Manufactures, such as grain elevators, custom or grist mills, farm supply stores, chick hatcheries, commercial broiler raising establishments, cattle feeding operations, etc. Comparison of the figures contained in this report with estimates from other sources such as the American Feed Manufacturers Association indicates that the manufacturing plants account for about 80% of the total feeds mixed in the United States.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Prepared Animal Feeds Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Prepared Animal Feeds Industry amounted to \$3,234 million. Of this total, \$2,822 million were products primary to the industry, \$383 million were products primary to other industries, and \$29 million were receipts for miscellaneous activities. The industry shipments of primary

products represented 95 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 95 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$3,092 million of prepared animal feeds were shipped by all producers of these products. Of this total, \$2,822 million, or 91 percent, were shipped by plants classified in Industry 2042, Prepared Animal Feeds, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

Table 2.—GENERAL STATISTICS FOR THE PREPARED ANIMAL FEEDS INDUSTRY (S.I.C. CODE 2043) BY REGION AND STATE, 1958 AND 1957

Region and State <sup>1</sup>	1958										1957	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>3</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	57,014	250,757	37,861	82,022	151,186	747,004	799,245	3,233,637	56,779	712	59,890	584,135
New England.....	1,628	7,480	1,208	2,614	5,035	25,333	26,901	135,349	886	23	1,710	24,201
Massachusetts.....	397	1,838	290	697	1,236	6,634	7,279	31,361	252	8	583	7,186
Middle Atlantic.....	6,980	33,182	4,775	9,886	21,146	87,427	101,007	416,553	5,518	87	7,352	75,407
New York.....	3,990	20,059	2,738	5,663	13,271	52,513	53,434	230,080	2,807	44	4,709	52,360
New Jersey.....	623	2,978	414	859	1,794	8,084	9,091	41,856	124	12	538	6,533
Pennsylvania.....	2,367	10,145	1,623	3,364	6,081	26,830	38,482	144,617	2,587	31	2,104	15,513
East North Central.....	9,988	47,658	6,767	14,859	30,514	170,878	178,402	601,204	9,007	103	11,028	132,320
Ohio.....	2,634	12,074	1,935	4,225	8,481	38,183	38,988	168,234	1,504	26	3,313	31,242
Indiana.....	2,061	10,163	1,251	2,812	5,903	24,707	26,869	103,752	2,934	22	2,180	24,072
Illinois.....	3,540	18,019	2,409	5,148	11,455	89,826	92,708	258,686	3,343	35	3,512	64,588
Michigan.....	977	2,153	413	932	1,462	4,867	5,940	19,047	572	9	615	3,830
Wisconsin.....	1,196	5,244	759	1,742	3,213	13,295	13,897	51,485	594	11	1,006	8,585
West North Central.....	11,526	52,205	6,960	15,981	29,276	145,913	150,686	560,373	12,145	128	12,548	122,062
Minnesota.....	1,564	7,654	1,011	2,210	4,228	19,755	20,294	86,753	2,032	17	2,599	24,006
Iowa.....	4,067	18,993	1,940	4,786	8,859	57,210	58,539	197,929	4,158	46	3,510	33,242
Missouri.....	2,664	11,110	1,695	3,561	6,807	33,315	34,785	154,185	1,817	23	2,956	30,832
Nebraska.....	1,829	8,479	1,316	3,294	5,403	21,160	21,436	67,969	2,577	23	2,107	23,250
South Atlantic.....	8,327	31,136	5,613	11,788	17,858	103,459	112,555	543,504	7,335	116	7,513	54,620
Delaware.....	601	2,853	362	831	1,691	12,728	13,590	66,327	744	7	750	10,702
Maryland.....	683	2,779	385	845	1,362	10,116	10,423	44,643	693	11	766	4,600
Virginia.....	1,035	3,881	697	1,583	2,284	8,277	10,479	65,585	660	17	1,021	6,882
North Carolina.....	2,210	7,519	1,533	3,080	4,348	28,206	33,183	137,021	1,829	27	1,838	13,398
South Carolina.....	547	1,836	391	756	1,034	4,159	4,742	20,180	213	6	570	3,501
Georgia.....	1,741	6,405	1,225	2,448	3,713	28,933	30,090	143,573	2,239	23	1,689	11,821
Florida.....	1,330	5,142	913	2,111	3,005	10,149	8,870	58,662	937	21	761	3,576
East South Central.....	5,581	22,205	3,846	8,039	13,462	63,373	68,724	308,118	6,409	62	4,570	39,926
Kentucky.....	971	1,982	425	1,008	1,331	4,724	5,430	29,917	405	10	859	4,934
Tennessee.....	2,074	8,895	1,321	2,657	4,774	22,151	25,981	123,161	1,947	26	1,934	20,457
Alabama.....	1,888	7,712	1,323	2,945	4,833	21,912	22,238	102,121	3,078	14	1,063	7,651
Mississippi.....	1,048	3,616	777	1,429	2,524	14,586	15,075	52,919	979	12	713	6,883
West South Central.....	5,842	21,988	3,812	8,278	12,347	56,635	63,051	266,748	7,139	92	6,766	49,474
Arkansas.....	747	2,605	463	955	1,291	10,368	10,510	45,638	602	12	858	5,320
Texas.....	3,679	13,909	2,416	5,240	7,968	33,691	37,569	155,489	5,130	55	4,183	31,589
Mountain.....	1,686	6,634	1,244	2,712	4,493	16,205	17,224	75,744	2,458	28	1,873	14,172
Colorado.....	673	2,823	485	1,164	1,890	5,817	6,119	28,395	685	9	688	5,276
Pacific.....	5,456	28,269	3,636	7,865	17,055	77,781	80,695	326,044	5,882	73	6,525	72,949
Washington.....	740	3,589	558	1,237	2,619	10,773	11,143	47,321	490	6	719	8,606
Oregon.....	720	3,301	513	1,079	2,173	8,568	8,101	35,158	319	12	860	6,762
California.....	3,996	21,379	2,565	5,549	12,263	58,440	61,451	243,565	5,073	55	4,945	57,979

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

-204-7

3-

rials,  
adding  
n-pro-  
on in  
he use  
hments  
poses,  
paring  
nufac-  
No ad-  
figures  
levels

t change

t. 1958

- 1

-29

-11

-7

-11

-1

-8

0.0

- 1

were not

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1

- 1



## 1958 CENSUS OF MANUFACTURERS

Table 3.—QUANTITY AND VALUE OF PREPARED ANIMAL FEEDS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Prepared Animal Feeds Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	Total production			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2042—	Prepared animal feeds, total <sup>1</sup> .....	.....	xxx	3,092,008	xxx	2,839,670
20421—	Poultry feed.....	Thousand tons.....	16,824	1,489,010	15,395	1,428,707
2042101	Complete poultry feeds.....	..do.....	13,914	1,209,062	13,438	1,221,023
2042112	All scratch feeds.....	..do.....	750	xxx	1,054	83,539
	Chicken mash and pellets.....	..do.....	4,876	xxx	4,885	432,172
2042122	Layer and breeder.....	..do.....	953	xxx	1,137	108,114
2042124	Starter.....	..do.....	1,329	xxx	1,341	121,310
2042126	Grower.....	..do.....	4,680	xxx	3,314	321,257
2042128	Broiler.....	..do.....	1,176	xxx	934	90,556
2042132	Turkey mash and pellets.....	..do.....	150	xxx	773	64,075
2042142	Other complete poultry feeds.....	..do.....	2,544	247,522	1,557	170,452
2042150	Poultry supplements and concentrates.....	..do.....	2,167	xxx	1,163	129,542
2042152	Chicken.....	..do.....	377	xxx	394	40,910
2042156	Turkey.....	..do.....	366	32,426	400	37,232
2042100	Poultry feeds, not specified by kind.....	..do.....	11,833	958,375	10,090	865,605
20422—	Livestock feeds.....	..do.....	8,018	598,619	(NA)	(NA)
2042210	Complete livestock feeds.....	..do.....	4,193	xxx	3,830	302,059
2042213	Dairy cattle.....	..do.....	1,729	xxx	1,504	116,360
2042223	Beef and range cattle.....	..do.....	1,335	xxx	913	85,663
2042233	Pig and hog.....	..do.....	338	xxx	340	25,127
2042243	Horse and mule.....	..do.....	223	xxx	(?)	(?)
2042249	Other complete livestock feeds <sup>2</sup> .....	..do.....	3,497	333,965	3,038	296,665
2042250	Livestock feed supplements and concentrates.....	..do.....	993	xxx	837	77,400
2042251	Dairy cattle.....	..do.....	1,874	xxx	1,377	153,417
2042255	Pig and hog.....	..do.....	630	xxx	824	865,848
2042259	Other livestock supplements and concentrates <sup>3</sup> .....	..do.....	318	25,791	465	39,730
2042200	Livestock feeds, not specified by kind.....	..do.....	xxx	306,530	xxx	238,061
20423—	Dog and cat food.....	.....	xxx	306,530	xxx	238,061
	Canned:					
2042312	100% horsemeat type.....	Thousand lbs.....	68,035	9,243	1,459,847	135,424
2042315	Other canned dog and cat food.....	..do.....	1,607,634	169,895		
2042351	Biscuit, pellets, and meal.....	..do.....	1,558,200	124,479	947,678	95,504
2042300	Other dog and cat food and dog and cat food, not specified by kind.....	.....	xxx	2,913	xxx	9,277
20424—	Feed materials.....	.....	xxx	235,914	xxx	252,640
2042411	Grain ground, rolled, pulverized, chopped or crimped.....	Thousand.....	1,197	74,887	1,307	88,926
2042422	Mineral mixtures, including oyster shells prepared for feed use.....	Thousand lbs.....	302	25,571	212	17,753
	Alfalfa meal:					
2042431	Sun cured.....	Thousand tons.....	137	4,726	173	6,474
2042435	Dehydrated.....	..do.....	1,066	43,687	1,108	50,713
2042400	Other feed materials and special feeds, not elsewhere classified or, not specified by kind <sup>4</sup> .....	.....	xxx	87,043	xxx	88,774
2042000	Prepared animal feeds, not specified by kind.....	.....	xxx	102,179	xxx	54,657

xxx Not applicable.

NA Not available.

<sup>1</sup>Does not include feeds mixed in such nonmanufacturing establishments as grain elevators, custom or grist mills, and farm supply stores.<sup>2</sup>Includes rabbit and other small animal feeds (except dog and cat food).<sup>3</sup>In 1954, product code 2042259, "Other livestock supplements and concentrates," was included with product code 2042249, "Other complete livestock feeds."<sup>4</sup>Includes miscellaneous feed materials not shown elsewhere, such as dried citrus pulp, condensed beet solubles; also feed for birds, fish and other pets (except dog and cat food).



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-20E-1

### BISCUIT AND CRACKERS INDUSTRY

(Industry Code 2052--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Biscuit and Crackers Industry shipped products valued at \$952 million, an increase of 18 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 4 percent from 1954 to 1958 to a total of 42.8 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$505 million in 1958, an increase of 20 percent from 1954 when the previous census was taken. Adjusted value added

is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE BISCUIT AND CRACKERS INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2052)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	42.8	44.7	-4
Payroll.....	Million dollars...	174.8	150.9	+15
Production workers:				
Number.....	Thousands.....	33.1	35.7	-7
Man-hours.....	Millions.....	66.4	68.5	-3
Wages.....	Million dollars...	119.2	109.6	+9
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	498.8	408.2	+22
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	504.6	420.1	+20
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	444.8	387.5	+15
Value of shipments <sup>5</sup> .....	..do.....	951.8	806.8	+18
Capital expenditures, new.....	..do.....	14.9	13.9	+7
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	179	168	+6

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further processing, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Biscuit and Crackers Industry includes establishments engaged primarily in the manufacture of biscuits (except raised biscuits), crackers, sponge goods, dry sweet goods, machine made cookies, pretzels, and similar "dry" bakery products. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Biscuit and Crackers Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Biscuit and Crackers Industry amounted to \$952 million. Of this total, \$883 million were products primary to the industry, \$31 million were products primary to other industries, and \$38 million were receipts for miscellaneous activities. The industry shipments of primary products represented 96 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 97 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$938 million of biscuits, crackers, and pretzels were shipped by all producers of these products. Of this total, \$883 million or 94 percent, were shipped by plants classified in Industry 2052, Biscuits and Crackers, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1956, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

-20H-7

C -

rials,  
adding  
n-pro-  
on in  
he use  
hments  
poses,  
paring  
unufac-  
No ad-  
figures  
levels

[illegible]

I were not

relationship

अथः ॥ १००॥

718.

USCOM-DC  
GPO: 2012-130-1

718.

XXX Not applicable.

U. S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

OFFICIAL BUSINESS

Postage and Fees Paid  
U. S. Department of Commerce



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P) 20E-2

### BREAD AND RELATED PRODUCTS INDUSTRY

(Industry Code 2051--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Bread and Related Products Industry shipped products valued at \$4,096 million, an increase of 22 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 4 percent from 1954 to 1958 to a total of 256.2 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$2,040 million in 1958, an increase of 25 percent from 1954 when the previous census was taken. Adjusted

value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding in the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

GENERAL STATISTICS FOR THE BREAD AND RELATED PRODUCTS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2051)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	256.2	246.5	+4
Payroll.....	Million dollars...	1,155.5	975.5	+18
Production workers:				
Number.....	Thousands.....	144.7	143.1	+1
Man-hours.....	Millions.....	392.4	395.9	-
Wages.....	Million dollars...	571.5	478.0	+20
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	1,957.7	1,568.9	+24
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	2,039.7	1,636.8	+25
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	2,055.4	1,700.5	+20
Value of shipments <sup>5</sup> .....	do.....	4,096.2	3,345.1	+22
Capital expenditures, new.....	do.....	109.9	75.7	+45
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	1,145	1,144	+0

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resale for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Bread and Related Products Industry includes establishments engaged primarily in the manufacture of bread, cakes, sweet yeast goods, hand-made cookies, doughnuts, pies, pastries, and similar perishable bakery products, for off-premise sale. Establishments producing bakery products for direct sale to consumers on premises are classified in Retail Trade and not in Industry 2051. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Bread and Related Products Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Bread and Related Products Industry amounted to \$4,096 million. Of this total, \$3,589 million were products primary to the industry, \$57 million were products primary to other industries, and \$450 million were receipts for miscellaneous activities. The industry shipments of primary products represented 98 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 98 percent.

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$3,613 million of Bread and Related Products were shipped by all producers of these products. Of this total, \$3,589 million, or 99 percent, were shipped by plants classified in Industry 2051, Bread and Related Products, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURE

U.S. DEPARTMENT OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS, BUREAU OF MANUFACTURES, BUREAU OF ECONOMIC RESEARCH

Region and State <sup>1</sup>	1958							1954				
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	356,165	1,111,286	144,736	292,955	571,419	1,937,157	1,59,776	4,461,411	99,911	1,145	1,401,137	1,560,935
New England.....	17,529	54,993	11,152	22,591	42,584	129,445	159,175	33,779	6,750	164	12,756	117,568
Maine.....	35	8,017	1,257	2,757	4,505	16,417	16,986	765	16	2	14,157	14,157
New Hampshire.....	647	2,557	510	994	999	4,244	4,248	8,409	215	7	4,106	4,106
Vermont.....	405	1,676	260	500	850	3,777	3,444	6,425	78	5	2,616	2,616
Massachusetts.....	10,448	45,155	5,911	11,916	23,096	67,641	73,726	156,706	4,077	84	60,255	60,255
Rhode Island.....	3,110	9,711	1,172	2,442	4,790	12,052	13,142	31,515	686	15	11,995	11,995
Connecticut.....	4,637	15,897	2,149	4,382	8,344	25,816	28,127	57,554	911	57	24,554	24,554
Middle Atlantic.....	64,425	294,745	37,768	76,953	128,290	480,143	514,515	1,036,677	22,575	476	62,560	589,268
New York.....	32,962	155,885	19,265	39,554	82,866	293,649	272,346	543,192	14,771	220	30,460	199,839
New Jersey.....	8,568	38,194	4,983	10,249	21,404	65,281	71,282	140,722	2,869	74	9,547	56,185
Pennsylvania.....	23,095	100,666	13,522	27,150	54,000	161,213	170,887	348,763	6,935	182	23,512	152,243
East North Central.....	50,994	261,265	31,276	63,691	128,014	430,609	446,540	874,156	18,790	470	54,912	354,620
Ohio.....	17,956	81,540	8,813	18,450	36,592	132,901	140,106	266,775	6,023	137	17,535	110,342
Indiana.....	6,118	27,110	3,034	6,221	12,004	45,236	45,856	93,051	2,230	57	6,503	37,824
Illinois.....	15,733	74,755	9,288	19,918	39,164	129,712	133,544	258,875	5,668	133	14,616	99,549
Michigan.....	10,910	52,278	6,469	12,971	27,760	82,802	84,665	174,250	2,999	68	11,260	75,934
Wisconsin.....	6,247	25,642	3,612	7,131	12,534	41,858	42,989	81,205	2,270	55	5,593	35,973
West North Central.....	20,872	91,999	11,312	22,240	43,478	147,779	153,171	306,485	7,113	186	21,595	158,971
Minnesota.....	3,862	16,816	2,126	4,202	8,199	28,158	29,404	56,212	1,333	42	3,977	26,255
Iowa.....	3,206	14,514	1,667	3,395	6,419	22,509	23,687	48,402	1,100	89	3,621	23,284
Missouri.....	8,144	36,803	4,485	8,573	17,956	56,774	58,540	122,095	2,730	58	8,557	53,239
Nebraska.....	2,342	10,178	1,126	2,311	4,322	15,458	17,036	30,671	696	16	2,211	14,607
Kansas.....	2,121	8,955	1,232	2,455	4,378	16,418	16,840	31,178	627	28	2,037	14,006
South Atlantic.....	30,258	120,427	17,150	36,480	56,540	217,446	228,696	495,992	14,826	269	27,957	169,562
Delaware.....	312	1,700	216	434	871	3,576	3,652	7,412	108	5	307	2,607
Maryland.....	4,509	18,716	2,557	5,469	9,449	31,410	32,815	71,871	1,994	39	4,207	26,459
District of Columbia.....	1,594	8,139	948	2,166	4,284	16,580	16,761	33,419	1,105	12	1,988	15,501
Virginia.....	4,211	16,557	2,472	5,072	8,219	30,819	31,819	66,228	1,834	45	3,792	22,178
North Carolina.....	2,670	12,684	1,473	3,235	5,072	21,004	22,291	46,762	1,651	35	2,712	16,902
South Carolina.....	1,742	6,221	961	2,082	2,650	12,485	13,258	29,059	994	11	1,784	9,228
Georgia.....	4,433	16,756	2,601	5,321	7,957	22,869	24,110	67,958	3,669	32	3,722	25,475
Florida.....	5,129	20,455	2,896	6,255	9,566	41,305	43,009	83,253	1,775	118	4,225	25,909
East South Central.....	12,451	48,892	7,257	14,583	23,856	87,691	92,118	195,746	5,590	112	11,583	66,398
Kentucky.....	2,678	11,965	1,555	3,205	5,979	19,718	20,652	44,688	1,068	24	2,580	16,547
Tennessee.....	4,655	18,113	2,382	5,562	9,177	35,850	36,766	73,454	2,030	38	4,579	27,959
Alabama.....	3,300	12,634	1,854	3,767	5,884	19,792	20,684	47,834	1,381	28	2,869	14,213
Mississippi.....	1,710	6,220	968	2,049	2,796	12,351	14,076	29,770	1,111	22	1,554	7,677
West South Central.....	18,527	76,659	9,946	20,788	33,645	144,463	149,298	297,584	8,733	174	18,143	115,497
Arkansas.....	1,471	5,805	703	1,491	2,390	11,426	12,206	24,571	611	17	1,614	10,493
Louisiana.....	4,032	17,028	2,181	4,513	7,957	31,587	32,521	63,760	1,723	32	4,164	24,335
Oklahoma.....	2,454	10,532	1,253	2,588	4,350	17,162	18,362	36,551	1,613	28	2,683	15,228
Texas.....	10,570	43,274	5,804	12,196	18,928	84,288	86,209	172,722	4,786	97	9,601	65,542
Mountain.....	7,178	29,933	4,232	8,571	15,126	58,866	60,750	115,661	4,003	87	6,990	40,440
Montana.....	701	2,768	408	848	1,455	5,717	5,771	10,883	242	13	739	4,594
Idaho.....	530	2,048	306	613	1,111	3,976	3,989	7,694	171	9	473	2,781
Wyoming.....	226	708	156	297	408	1,252	1,282	2,550	70	2	249	1,145
Colorado.....	2,404	10,411	1,434	3,000	5,228	19,015	19,947	38,258	1,749	26	2,139	13,807
New Mexico.....	844	3,199	489	1,028	1,559	6,899	7,113	15,708	532	11	545	2,889
Arizona.....	1,195	5,662	608	1,266	2,497	11,209	11,428	22,789	776	10	818	6,882
Utah.....	1,062	4,210	690	1,286	2,369	9,167	9,559	18,602	532	13	968	7,080
Nevada.....	216	927	147	295	521	1,651	1,681	3,218	81	3	156	1,165
Pacific.....	26,171	146,993	14,656	27,456	69,396	241,295	255,515	491,121	11,551	207	23,504	176,591
Washington.....	3,430	17,592	1,925	3,680	8,420	28,127	30,092	60,849	1,503	34	3,547	21,289
Oregon.....	2,205	11,090	1,165	2,131	5,105	19,637	20,590	39,042	876	23	2,101	16,586
California.....	20,536	118,511	11,566	21,625	55,871	193,551	204,853	391,230	9,172	150	18,055	158,915

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



## 1958 CENSUS OF MANUFACTURES

Table 3.--QUANTITY AND VALUE OF BREAD AND RELATED PRODUCTS SHIPPED BY ALL MANUFACTURING ESTABLISHMENTS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Bread and Related Products Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity	Value	Quantity	Value
	ALL MANUFACTURERS (Except Retail Bakeries)	(1,000 pounds baked weight)	(\$1,000)	(1,000 pounds baked weight)	(\$1,000)
2051---	Bread and other bakery products, total.....	xxx	3,613,266	xxx	3,012,109
20511--	Bread and rolls.....	xxx	2,413,989	xxx	2,009,216
2051111	White, pan.....	9,526,873	1,527,293	8,614,290	1,295,141
2051113	White, hearth.....	273,861	49,751	252,820	38,956
2051115	Whole wheat, cracked wheat, and other dark wheat breads.....	802,465	143,985	996,029	159,388
2051117	Rye, including pumpernickel.....	612,562	104,594	620,278	100,205
	Specialty breads:				
2051121	Raisin.....	184,743	40,528	327,975	57,603
2051129	Other specialty breads (diet, protein, buttermilk, etc.)....	540,706	104,380		
	Rolls, bread type, including brown-and-serve rolls:				
2051133	Hamburger and wiener rolls.....	1,636,642	388,999	1,501,624	302,398
2051139	Other bread type rolls (kaiser, parkerhouse, etc.).....	214,879	53,050		
2051198	Other bread and rolls.....	xxx	1,449	xxx	2,661
2051100	Bread and rolls, not specified by kind.....	xxx	...	xxx	52,866
20512--	Sweet yeast goods, all types.....	879,661	326,431	630,842	233,923
2051213	Yeast raised doughnuts.....	338,156	115,070	630,842	233,923
2051298	All other types of sweet yeast goods, including sweet rolls and coffee cake.....	541,505	211,361		
2051311	Soft cakes, all types, including pound, layer, fruit, etc.....	1,317,310	447,380	1,055,031	372,385
2051411	Pies.....	840,270	220,245	724,137	185,906
2051511	Pastries, all types of baking powder leavened only, including cream puffs, eclairs, lady fingers, French pastry, puff pastry, etc.....	xxx	40,814	xxx	30,029
2051611	Cookies, all types of hard and soft sweetened cookies and wafers (hand-made).....	68,658	27,845	65,288	24,219
		(1,000 dozen)		(1,000 dozen)	
2051711	Doughnuts, cake type (baking powder leavened).....	391,055	136,562	375,929	113,269
2051000	Bread and other bakery products, not specified by kind.....	xxx	...	xxx	43,162

xxx Not applicable.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1960

MC(P)-20F-1

### RAW CANE SUGAR INDUSTRY

(Industry Code 2061--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Raw Cane Sugar Industry shipped products valued at \$72 million, an increase of 12 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 3 percent from 1954 to 1958 to a total of 3.0 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$21 million in 1958, an increase of 35 percent from 1954 when the previous census was taken. Adjusted value added is

derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE RAW CANE SUGAR INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2061)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	3.0	3.1	-3
Payroll.....	Million dollars...	9.4	8.9	+6
Production workers:				
Number.....	Thousands.....	2.6	2.7	-4
Man-hours.....	Millions.....	5.8	7.2	-19
Wages.....	Million dollars...	7.5	7.1	+6
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	74.1	12.4	+56
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	21.7	16.4	+33
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	49.2	49.2	..
Value of shipments <sup>5</sup> .....	..do.....	72.4	64.6	+12
Capital expenditures, new.....	..do.....	1.8	2.1	-33
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	44	43	+2

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Raw Cane Sugar Industry includes establishments engaged primarily in the manufacture of raw sugar, sirup, or finished (granulated or classified) cane sugar from sugar canes. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Raw Cane Sugar Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Raw Cane Sugar Industry amounted to \$72 million. The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$70.9 million of raw cane sugar were shipped by all producers

of these products. Of this total, \$70 million, or 99 percent, were shipped by plants classified in Industry 2061, Raw Cane Sugar while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1956, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 14.8 CENSUS OF MANUFACTURES

Region and State <sup>1</sup>	1926										1927	
	All employees		Production workers			Value added by manufacture		Value of shipments	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	1,267	4,369	1,276	1,844	7,493	14,123	11,684	7,396	1,809	44	1,278	11,431
South.....	1,267	4,369	1,276	1,844	7,493	14,123	11,684	7,396	1,809	44	1,278	11,431

(Includes quantity and value of these products reported not only by establishments classified in the Raw Cane Sugar Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	1958			1954		
		Total production <sup>1</sup>	Total shipments including interplant transfers		Total production <sup>1</sup>	Total shipments including interplant transfers	
			Quantity	Value		Quantity	Value
2061-- 2061111	Raw cane sugar, total..... Raw cane sugar.....	xxx 443,139	xxx 440,383	70,904 54,965	xxx 522,685	xxx 422,941	63,994 48,740
20612 2061211	Other sugar mill products..... Plantation granulated sugar (not including refined sugar re- sulting from melting raws in a typical refining operation).....	xxx 7,187	xxx 7,082	15,939 1,082	xxx 6,618	xxx 6,438	15,254 954
2061221	Other sugar grades (yellow clarified, white clarified, tur- binado, crystals, and all special grades other than granulated).....	68,091	40,102	6,214	39,523	34,805	3,025
2061231	Sugar cane sirup (from which no sugar has been removed) <sup>2</sup> .....	xxx	17,186	2,303	xxx	16,783	2,385
2061241	Molasses, except blackstrap (from which some sugar has been removed).....	xxx	2,563	1,268	xxx	25,481	1,351
2061251	Blackstrap molasses (except refiners blackstrap).....	xxx	168,871	3,695	xxx	212,255	4,243
2061261	Bagasse.....	xxx	484,679	1,377	xxx	496,168	1,279

xxx Not applicable.

figures not applicable.

Figures for 1969 differ slightly from data published by the Department of Agriculture largely because, (1) some establishments submitted Census reports on a fiscal year basis; (2) the inclusive Census data of some refined cane sugar produced at cane sugar mills, and excluded from the Department of Agriculture figures; (3) the exclusion from Census data of raw cane sugar produced at establishments classified as farms for Census purposes, and (4) the exclusion from Census data of establishments operated by State governments.

<sup>2</sup>Includes only sirup made in raw sugar and commercial sirup mills. Farm sirup mills were considered to be outside the scope of the Census.

**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1960

MC(P)-20F-2

### CANE-SUGAR REFINING INDUSTRY

(Industry Code 2062—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Cane-Sugar Refining Industry shipped products valued at \$997 million, an increase of 15 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 5 percent from 1954 to 1958 to a total of 15.2 thousand employees in 1958. Adjusted value added in the industry amounted to \$185 million in 1958, an increase of 39 percent from 1954 when the previous census was taken. Adjusted value added is derived by subtracting

the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE CANE-SUGAR REFINING INDUSTRY IN THE UNITED STATES: 1958 and 1954

(Standard Industrial Classification Code 2062)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	15.2	16.0	-5
Payroll.....	Million dollars...	84.0	66.4	+26
Production workers:				
Number.....	Thousands.....	11.8	12.9	-8
Man-hours.....	Millions.....	25.3	26.1	-3
Wages.....	Million dollars...	63.4	50.4	+26
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	184.0	139.0	+32
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	184.9	133.4	+39
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	812.6	727.7	+12
Value of shipments <sup>5</sup> .....	..do.....	997.3	866.8	+15
Capital expenditures, new.....	..do.....	24.3	10.6	+129
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	25	23	+9

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices 10 cents  
Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

GROUP 21

The Cane-Sugar Refinery Industry includes establishments engaged primarily in the manufacture of refined purchased raw cane sugar and sugar sirup. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Cane-Sugar Refining Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Cane-Sugar Refining Industry amounted to \$997 million. The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$994.3 million of cane-sugar refining were shipped by all

producers of these products. Of this total, \$984.1 million, or 99 percent, were shipped by plants classified in Industry 2062, Cane-Sugar Refining while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

Region and State <sup>1</sup>	1958									All employees, number	Value added by manufacture, unadjusted <sup>2</sup> (\$1,000)	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>3</sup>	Capital expenditures, new			No. of establishments with 20 or more employees <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup> (\$1,000)	Adjusted <sup>6</sup> (\$1,000)					
United States, total.....	15,213	83,962	11,807	25,321	63,371	183,957	184,851	997,288	24,329	25	16,068	138,971
Northeast.....	7,101	41,842	5,337	10,997	30,445	80,545	80,880	417,284	8,616	9	7,788	60,245
New York.....	3,636	22,121	2,641	5,631	15,430	39,631	39,184	213,661	5,175	5	3,815	29,517
North Central.....	245	1,341	184	420	972	2,694	3,246	23,028	1,641	5	143	1,793
South and West.....	7,867	40,779	6,286	13,904	31,954	100,718	100,725	556,976	14,072	11	8,136	76,931

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publication detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF CANE-SUGAR REFINING PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Cane-Sugar Refining Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of quantity	1958		1954			
			Total production (quantity)	Total shipments including interplant transfers	Total production (quantity)	Total shipments including interplant transfers		
				Quantity		Value (\$1,000)	Quantity	Value (\$1,000)
2062---	Cane-sugar refining, total.....	.....	xxx	xxx	994,360	xxx	xxx	863,969
20621--	Refined cane-sugar.....	Short tons.....	5,768,042	5,692,753	988,155	5,261,364	5,286,321	858,971
2062111	Granulated cane-sugar.....	do.....	4,399,263	4,277,099	731,266	4,154,088	4,160,958	667,357
2062113	Shipped in consumer units (cartons and sacks of 1, 2, 5, 10 and 25 pounds).....	do.....	xxx	2,318,290	410,174	xxx	2,273,035	371,852
2062115	Shipped in bulk containers (50 and 100 pound bags, and barrels).....	do.....	xxx	1,566,783	257,021	xxx	1,723,135	270,073
2062121	Shipped in bulk (rail cars and trucks).....	do.....	xxx	392,026	64,071	xxx	164,788	25,432
2062121	Cube and tablet sugar.....	do.....	24,290	24,793	7,766	21,183	21,006	6,045
2062131	Confectioner's powdered.....	do.....	337,192	343,267	67,930	289,698	310,907	57,654
2062131	Shipped in consumer units (containers of 10 pounds or less).....	do.....	xxx	157,386	35,513	xxx	138,470	29,083
2062135	Shipped in bulk containers (more than 10 pounds).....	do.....	xxx	185,861	32,417	xxx	172,437	25,571
2062141	Soft or brown sugar.....	do.....	174,879	176,947	34,751	167,130	165,993	29,719
2062141	Shipped in consumer units (containers of 10 pounds or less).....	do.....	xxx	94,464	20,886	xxx	81,481	16,793
2062145	Shipped in bulk containers (more than 10 pounds).....	do.....	xxx	82,483	13,865	xxx	82,412	12,926
2062153	Liquid sugar or sugar sirup: <sup>1</sup>							
2062153	Sucrose type.....	Short tons of sugar solids.....	605,930	604,723	161,865	440,083	440,623	68,608
2062155	Invert type.....	do.....	298,375	297,575	42,714	179,797	178,683	27,748
2062161	Invert sugar, plastic.....	Short tons.....	8,113	8,369	1,863	9,086	8,151	1,840
20622--	Other cane-sugar refining products and byproducts.....		xxx	207,897	6,205	xxx	196,121	4,998
2062211	Refiners' blackstrap and barrel sirup.....	Short tons.....	xxx	199,778	5,149	xxx	185,314	3,689
2062251	Refiners' sirup, other than blackstrap and barrel sirup (include filtered blackstrap).....	do.....	xxx	18,119	1,784	xxx	10,807	1,309

xxx Not applicable.

USCIB-10

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

June 1960

MC(P)-20F-3 (Revised)

### BEET SUGAR INDUSTRY

(Industry Code 2063—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Beet Sugar Industry shipped products valued at \$392 million, an increase of 30 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 6 percent from 1954 to 1958 to a total of 10.3 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$130 million in 1958, an increase of 15 percent from 1954 when the previous census was taken. Adjusted value added is derived by

subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Note: This report replaces Advance Report MC(P)-20F-3 previously issued.

Table 1.—GENERAL STATISTICS FOR THE BEET SUGAR INDUSTRY: 1958 AND 1954  
(Standard Industrial Classification Code 2063)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	10.3	11.0	-6
Payroll.....	Million dollars...	48.7	42.5	+15
Production workers:				
Number.....	Thousands.....	9.0	9.4	-4
Man-hours.....	Millions.....	20.8	19.9	+5
Wages.....	Million dollars...	41.2	35.2	+17
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	136.1	96.4	+41
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	130.3	113.7	+15
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	255.1	203.4	+25
Value of shipments <sup>5</sup> .....	do.....	392.2	300.9	+30
Capital expenditures, new.....	do.....	8.2	5.9	+39
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	66	65	+2

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Beet Sugar Industry includes establishments engaged primarily in the manufacture of sugar from beets. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Beet Sugar Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Beet Sugar Industry amounted to \$392 million.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$380 million of beet

sugar products were shipped by all producers of these products. Virtually all of these products were shipped by plants classified in Industry 2063, Beet Sugar.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1956, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR THE BEET SUGAR INDUSTRY (S.I.C. CODE 2063) BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958									1954		
	All employees		Production workers			Value added by manufacture		Value of shipments	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	10,324	48,652	9,036	20,751	41,220	136,145	130,309	392,212	8,248	66	11,019	90,357
North Central.....	2,543	12,867	2,129	5,467	10,238	26,319	28,562	86,332	1,587	20	2,543	21,076
West.....	7,781	55,785	6,907	15,284	30,982	109,826	101,747	305,880	6,661	46	8,476	75,280
Colorado.....	2,026	10,201	1,720	4,450	8,553	24,708	24,171	71,779	765	14	2,129	18,174
Utah.....	565	2,166	511	927	1,768	6,147	5,999	14,225	122	5	577	2,684
California.....	2,763	11,481	2,499	4,679	10,002	36,442	28,758	103,720	3,421	11	3,027	24,500

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individually important, or (b) because the industry was of relatively minor economic importance in the State. (Additional patterns in detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF BEET SUGAR SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Beet Sugar Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	1958		1954	
			Total <sup>1</sup> production (quantity)	Total shipments including interplant transfers	Total <sup>1</sup> production (quantity)	Total shipments including interplant transfers
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2063--	Beet sugar, total.....		xxx	xxx	379,828	xxx
20631--	Refined beet sugar.....	Short tons.....	2,162,231	2,079,652	337,410	1,780,434
2063111	Granulated beet sugar.....	..do.....	1,929,941	1,846,443	298,753	1,632,385
20631111	Shipped in consumer units (cartons and sacks of 1, 2, 5, 10, and 25 pounds).....	..do.....	xxx	389,213	64,652	xxx
20631113	Shipped in bulk containers (50 and 100 pound bags and barrels).....	..do.....	xxx	1,066,264	172,151	xxx
20631115	Shipped in bulk (rail cars or trucks).....	..do.....	xxx	390,966	61,950	xxx
2063130	Confectioner's powdered sugar.....	..do.....	64,729	66,391	11,390	39,777
2063131	Shipped in consumer units (containers of 10 pounds or less).....	..do.....	xxx	14,077	2,656	xxx
2063135	Shipped in bulk containers (more than 10 pounds).....	..do.....	xxx	52,314	8,734	xxx
2063151	Liquid beet sugar.....	Short tons of sugar solids.....	xxx	xxx	xxx	xxx
20632--	Other beet sugar factory products and byproducts.....	..do.....	167,561	166,818	27,267	108,272
2063211	Edible beet sirup and molasses, other than liquid sugar.....	Short tons.....	xxx	xxx	42,418	xxx
2063221	Whole or straighthouse molasses; Shipped for desugarization.....	..do.....	xxx	xxx	xxx	9,848
2063222	Shipped for other uses.....	..do.....	xxx	162,158	4,020	xxx
2063225	Discard molasses.....	..do.....	xxx	99,973	2,733	xxx
2063241	Molasses beet pulp.....	..do.....	xxx	244,364	6,904	xxx
2063251	Dried beet pulp, plain.....	..do.....	xxx	544,093	19,765	xxx
2063261	Wet beet pulp (Estimated dry weight basis).....	..do.....	xxx	155,356	5,824	xxx
				799,343	3,172	xxx

xxx Not applicable.

<sup>1</sup>Sugar production figures differ slightly from data published by the Department of Agriculture largely because, (1) some establishments submitted Census reports on a fiscal year basis; (2) the inclusive Census data of some refined cane sugar produced at sugar mills, and excluded from the Department of Agriculture figures; (3) the exclusion from Census data of raw cane sugar produced at establishments classified as farms for Census purposes, and (4) the exclusion from Census data of establishments operated by State governments.

**1958 CENSUS OF MANUFACTURES**  
**PUBLICATION PROGRAM**

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

**Final Industry Reports**

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

**Final Area Reports**

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

**Final Subject Reports**

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

**VOLUME I—SUMMARY STATISTICS**

**VOLUME II—INDUSTRY STATISTICS**

**VOLUME III—AREA STATISTICS**

**Bureau of the Census**

WASHINGTON 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC (P) -20F-4

### CHEWING GUM INDUSTRY

(Industry Code 2073—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Chewing Gum Industry shipped products valued at \$176 million, an increase of 11 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 2 percent from 1954 to 1958 to a total of 5,3 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$102 million in 1958, an increase of 11 percent from 1954 when the previous census was taken. Adjusted value added

is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE CHEWING GUM INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2073)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	5.3	5.2	+2
Payroll.....	Million dollars...	24.0	20.1	+19
Production workers:				
Number.....	Thousands.....	4.0	4.0	0
Man-hours.....	Millions.....	7.3	7.8	-6
Wages.....	Million dollars...	14.1	14.0	+0.7
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	102.5	92.2	+11
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	102.3	92.2	+11
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	73.4	66.8	+10
Value of shipments <sup>5</sup> .....	..do.....	176.0	159.0	+11
Capital expenditures, new.....	..do.....	3.2	4.2	-24
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	15	16	-6

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Chewing Gum Industry includes establishments engaged primarily in the manufacture of nonmedicated chewing gum and chewing gum base. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Chewing Gum Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Chewing Gum Industry amounted to \$176 million. Of this total, \$161 million were products primary to the industry, \$14 million were products primary to other industries, and \$1 million were receipts for miscellaneous activities. The industry shipments of primary products represented 92 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 95 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total

value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$167 million of chewing gum were shipped by all producers of these products. Of this total, \$161 million, or 96 percent, were shipped by plants classified in Industry 2073, Chewing Gum while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

1958 CENSUS OF MANUFACTURES

Table 2.--GENERAL STATISTICS FOR THE CHEWING GUM INDUSTRY (S.I.C. CODE 2073) BY REGION AND SELECTED STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>					
United States, total.....	5,344	23,918	3,778	7,277	14,080	102,489	102,230	175,941	3,221	1	7,461	11,140
Northeast and North Central.....	5,047	22,713	3,521	6,751	13,200	95,674	95,526	162,529	2,921	1	7,111	10,681
New York.....	3,051	14,542	1,955	3,769	7,761	46,686	46,782	76,607	1,704	1	2,777	42,890
South and West.....	297	1,205	257	526	880	6,815	6,754	13,412	300	2	140	1,459

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosure of confidential information for the State or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Information withheld in (b) will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the increase resulting from the purchase of capital products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-progress inventories during the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in "No." table are based on reports from all establishments, including those with less than 20 employees classified in the industry.

Table 3.--QUANTITY AND VALUE OF CHEWING GUM PRODUCTS SHIPPED BY ALL PRODUCTION ESTABLISHMENTS: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Chewing Gum Industry, but also by establishments making these items as "secondary" products in other industries.)

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)
2073----	Chewing gum and chewing gum base, total.....				
207311	Chewing gum and chewing gum base.....				
207315	Chewing gum base.....				

Not applicable.





# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MO P)-2 F-1

### CHOCOLATE AND COCOA PRODUCTS INDUSTRY

(Industry Code 2072--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufactures in the Chocolate and Cocoa Products Industry shipped products valued at \$448 million, an increase of 3 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 2 percent from 1954 to 1958 to a total of 8.3 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$133 million in 1958, an increase of 55 percent from 1954 when the previous census was taken. Adjusted value added is

derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished products and work-in-process inventories. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE CHOCOLATE AND COCOA PRODUCTS INDUSTRY IN THE UNITED STATES: 1958 and 1954  
(Standard Industrial Classification Code 2072)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	1.3	1.3	-
Payroll.....	Million dollars.....	31.4	31.1	+1%
Production workers:				
Number.....	Thousands.....	0.7	0.7	-
Man-hours.....	Millions.....	3.2	3.1	+3%
Wages.....	Million dollars.....	7.5	7.1	+6%
Value added by manufacture, unadjusted <sup>2</sup> .....	..10.....	29.0	31.7	-8%
Value added by manufacture, adjusted <sup>3</sup> .....	..40.....	13.1	25.7	-49%
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..40.....	18.0	21.1	-14%
Value of shipments <sup>5</sup> .....	..40.....	447.7	433.6	+3%
Capital expenditures, new.....	..40.....	4.1	3.6	+11%
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	25	24	+4%

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products with out further processing, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Include value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Chocolate and Cocoa Products Industry includes establishments engaged primarily in the manufacture of chocolate and cocoa butter from cocoa beans and in further manufacture of cocoa, solid chocolate bars, and chocolate coating. Important products of this industry include solid chocolate, chocolate coatings, powdered cocoa, cocoa butter, and chocolate syrups. Establishments primarily engaged in making chocolate candies from purchased chocolate are classified in Industry 2071, Confectionery Products. Establishment making instant chocolate and cocoa from purchased chocolate and cocoa are classified in Industry 2099, Food Preparation, N.E.C., for a detailed list of products of Industry 2072, see table 3. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Chocolate and Cocoa Products Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resales of products, etc. The total value of shipments and other receipts of establishments classified in the Chocolate and Cocoa Products Industry amounted to \$448 million. Of this total, \$439 million were products primary to the

industry, \$6 million were products primary to other industries, and \$3 million were receipts for miscellaneous activities. The industry shipments of primary products represented 99 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 98 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$493 million of chocolate and cocoa products were shipped by all producers of these products. Of this total, \$439 million, or 89 percent, were shipped by plants classified in Industry 2072 Chocolate and Cocoa Products, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

Table 2.—GENERAL STATISTICS FOR THE CHOCOLATE AND COCOA PRODUCTS INDUSTRY (S.I.C. CODE 2072, 2073, AND 2074)

Region and State <sup>1</sup>	1958									1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)				
United States, total	8,269	33,427	6,441	13,193	27,510	129,048	433,134	447,672	4,126	25	1,467
New York.....	1,702	8,272	1,278	2,597	5,730	40,584	44,446	99,899	841	4	1,170
Pennsylvania.....	4,446	18,689	3,775	7,473	14,811	59,347	58,833	214,471	1,508	4	1,170

<sup>1</sup>Each producing State not shown separately in the above table was with 18 States and 1 District. The figures for these States and Districts are included in the total for the United States, or in the total for the New York or Pennsylvania States, or in the total for the United States and New York or Pennsylvania States, or in the total for the United States and New York or Pennsylvania States and the District of Columbia.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference in value added between the beginning and ending inventories of products without further processing, plus (c) the net change in finished products and work-in-process inventories between the beginning and ending of year.

<sup>4</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for establishments having 20 or more employees, including those with less than 20 employees, classified in the industry.

Table 3.—QUANTITY AND VALUE OF CHOCOLATE AND COCOA SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Chocolate and Cocoa Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments".)

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (number of units)	Value (\$1,000)	Quantity (number of units)	Value (\$1,000)
2072---	Chocolate and cocoa products, total.....	xxx	492,807	xxx	471,100
20721--	Chocolate coatings.....	373,347	144,101	1	1
2072112	Sweet.....	373,347	144,101	1	1
2072122	Milk.....	117,176	47,078	143,639	47,078
2072132	Liquor.....	42,028	16,325	44,468	16,325
2072152	Confectionery (cocoa) coatings (made chiefly from cocoa powder and fat other than cocoa butter).....	76,746	17,231	11	11
20722--	Other chocolate and cocoa products:				
	Made in chocolate plants.....	xxx	301,374	xxx	293,388
	Made in other industries.....	xxx	47,374	xxx	47,374
	Made in all industries, total.....	xxx	348,748	xxx	340,762
	Chocolate (except coatings):				
	For baking, cooking, etc.:.....				
2072211	Unsweetened.....	1,007	7,008	17,724	14,400
2072221	Sweetened.....	10,771	4,863	2,317	1,000
	Confectionery-type (solid bars and other molded confections):				
	Bar goods:				
2072232	Dark chocolate.....	4,801	1,140		
2072235	Milk chocolate; plain.....	67,561	31,144		
2072237	Milk chocolate; with nuts.....	6,413	13,542		
2072242	Package goods.....	13,496	35,156		
2072247	Other (bulk, etc.).....	27,534	13,383		
2072251	Confectionery (cocoa) molded confections and/or solid bars...	6,530	5,242		
	Cocoa, powdered:				
	Unsweetened:				
2072261	In cans or packages of 2 1/2 pounds or less.....	33,869	12,254	33,110	12,117
2072265	In other containers and in bulk (barrels, drums, bags, etc.).....	18,916	34,573	86,736	39,882
	Sweetened or mixed with other substances:				
2072271	In cans or packages of 2 1/2 pounds or less.....	17,611	40,110	74,165	33,344
2072275	In other containers and in bulk (barrels, drums, bags, etc.).....	17,884	11,741	10,772	1,254
2072281	Cocoa butter.....	18,817	17,605	16,443	17,439
	Chocolate syrups:				
	In cans or packages of 16 ounces or less:				
2072292	Chocolate liquor base.....	8,203	1,114		
2072294	Cocoa powder base.....	14,374	10,086		
	In other containers or in bulk:				
2072293	Chocolate liquor base.....	33,211	1,113		
2072296	Cocoa powder base.....	1,383	1,498		
2072298	Other chocolate and cocoa products, n.e.c.....	5,979	1,005	1,005	1,005
2072000	Chocolate and cocoa products, not specified by kind.....	xxx	1,217	xxx	680

NA Not available

<sup>1</sup>Separate information on confectionery (cocoa) coatings and molded confections was not collected in 1954. An undetermined amount of these items was included with "Other chocolate and cocoa products, n.e.c." (product code 2072298).

<sup>2</sup>Of this total, 8765 thousand pounds, valued at \$4,555 thousand was dark chocolate; 103,794 thousand pounds, valued at \$40,110 thousand was plain milk chocolate; and 97,826 thousand pounds, valued at \$55,857 thousand was milk chocolate with nuts.

U. S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

OFFICIAL BUSINESS

Postage and Fees Paid  
U. S. Department of Commerce



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1958

MC(P)-20F-6

### CONFECTIONERY PRODUCTS INDUSTRY

(Industry Code 2071--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Confectionery Products Industry shipped products valued at \$1,217 million, an increase of 18 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 2 percent from 1954 to 1958 to a total of 65.7 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$507 million in 1958, an increase of 17 percent from 1954 when the

previous census was taken. Adjusted value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE CONFECTIONERY PRODUCTS INDUSTRY IN THE UNITED STATES: 1954 AND 1958

Standard Industrial Classification Code 2071)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	65.7	67.8	-3
Payroll.....	Million dollars.....	214.5	211.7	+16
Production workers:				
Number.....	Thousands.....	54.2	55.8	-3
Man-hours.....	Millions.....	1,051.1	1,048.8	+2
Wages.....	Million dollars.....	166.4	164.9	+10
Value added by manufacture, unadjusted <sup>2</sup> .....	..10.....	483.1	462.2	+5
Value added by manufacture, adjusted <sup>3</sup> .....	..10.....	507.6	432.2	+17
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..10.....	70.2	67.2	+5
Value of shipments <sup>5</sup> .....	..10.....	1,217.1	1,031.4	+18
Capital expenditures, new.....	..10.....	14.2	11.4	+25
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	407	408	-3

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on report of all establishments including those with less than 20 employees classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

GROUP 21

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15

16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100

101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120  
121  
122  
123  
124  
125  
126  
127  
128  
129  
130  
131  
132  
133  
134  
135  
136  
137  
138  
139  
140  
141  
142  
143  
144  
145  
146  
147  
148  
149  
150  
151  
152  
153  
154  
155  
156  
157  
158  
159  
160  
161  
162  
163  
164  
165  
166  
167  
168  
169  
170  
171  
172  
173  
174  
175  
176  
177  
178  
179  
180  
181  
182  
183  
184  
185  
186  
187  
188  
189  
190  
191  
192  
193  
194  
195  
196  
197  
198  
199  
200

201  
202  
203  
204  
205  
206  
207  
208  
209  
210  
211  
212  
213  
214  
215  
216  
217  
218  
219  
220  
221  
222  
223  
224  
225  
226  
227  
228  
229  
230  
231  
232  
233  
234  
235  
236  
237  
238  
239  
240  
241  
242  
243  
244  
245  
246  
247  
248  
249  
250  
251  
252  
253  
254  
255  
256  
257  
258  
259  
260  
261  
262  
263  
264  
265  
266  
267  
268  
269  
270  
271  
272  
273  
274  
275  
276  
277  
278  
279  
280  
281  
282  
283  
284  
285  
286  
287  
288  
289  
290  
291  
292  
293  
294  
295  
296  
297  
298  
299  
300

The Confectionery Products Industry includes establishments engaged primarily in the manufacture of candy and other confections such as chocolate candies (fancy-package, bulk, or count), chocolate-covered bars, marshmallows, lozenges, fudge, candied and crystallized fruits, candy-covered nuts, salted nuts, stuffed dates, popcorn balls, and related products. Establishments primarily engaged in manufacturing solid chocolate bars are classified in Industry 2072, Chocolate and Cocoa Products, and chewing gum in Industry 2073, Chewing Gum. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Confectionery Products Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Confectionery Products Industry amounted to \$1,217 million. Of this total, \$1,111 million were products primary to the industry, \$49 million were products primary to other indus-

tries, and \$57 million were receipts for miscellaneous activities. The industry shipments of primary products represented 96 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 95 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,163 million of confectionery products were shipped by all producers of these products. Of this total, \$1,111 million, or 96 percent, were shipped by plants classified in Industry 2071, Confectionery Products, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

Table A.—GENERAL STATISTICS FOR THE CONFECTIONERY PRODUCTS INDUSTRY (S.I.C. CODE 2071) BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958								1954			
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>					
United States, total.....	65,650	234,542	53,624	103,134	166,401	488,120	506,566	1,216,878	24,241	404	66,799	422,314
New England.....	6,790	24,087	5,682	10,807	17,495	46,250	49,323	116,444	2,084	53	7,011	37,552
Massachusetts.....	5,867	20,687	4,892	9,281	14,922	34,112	36,640	89,056	1,797	27	6,158	30,093
Middle Atlantic.....	19,146	68,226	16,113	30,776	50,171	145,138	147,290	324,177	9,132	119	20,047	124,278
New York.....	8,673	30,722	7,240	13,907	22,871	60,380	61,049	135,729	2,115	51	8,779	52,441
New Jersey.....	3,167	12,926	2,605	5,093	8,973	30,097	30,397	71,360	5,195	15	2,759	22,953
Pennsylvania.....	7,306	24,578	6,263	11,776	18,327	55,261	55,844	117,088	1,822	53	8,508	43,684
East North Central.....	18,546	75,957	14,955	29,680	52,872	160,449	166,588	410,579	6,985	93	19,757	144,207
Indiana.....	715	3,133	647	1,283	2,244	6,206	6,437	19,586	211	7	836	5,502
Illinois.....	14,269	60,872	11,424	22,868	41,704	133,602	139,040	339,665	5,924	57	15,066	120,729
West North Central.....	3,710	12,599	2,957	5,918	8,684	23,912	25,492	64,883	1,175	28	3,069	17,191
Minnesota.....	994	3,439	850	1,675	2,495	8,070	8,111	22,483	452	10	1,035	5,863
Iowa.....	451	1,598	336	659	1,028	2,896	3,077	9,920	108	6	359	1,845
Missouri.....	1,214	4,071	820	1,672	2,547	5,944	6,929	16,513	357	9	1,103	5,911
South and West.....	17,458	53,403	13,997	25,953	37,179	111,171	117,873	300,795	4,867	136	16,912	99,044
Maryland.....	626	1,701	518	950	1,211	3,522	4,384	8,514	82	11	703	2,679
Virginia.....	2,388	6,507	2,206	4,233	5,496	21,459	21,753	61,876	720	10	2,208	16,895
Georgia.....	2,571	7,644	2,069	3,998	5,080	16,573	16,645	38,222	776	14	2,387	11,837
Florida.....	307	792	259	465	597	1,391	1,419	3,497	33	4	256	867
Kentucky.....	504	1,248	379	658	750	1,635	1,663	4,405	115	3	542	1,754
Alabama.....	482	1,052	420	771	906	1,722	1,779	7,393	37	6	355	1,499
Louisiana.....	360	1,054	300	511	671	2,070	2,147	4,384	47	4	355	1,629
Texas.....	1,675	5,089	1,394	2,509	3,570	11,702	11,957	30,792	541	16	1,469	8,736
Colorado.....	492	1,306	375	722	1,010	1,841	1,897	5,274	106	3	477	1,665
Utah.....	496	1,619	371	758	994	2,594	2,616	5,555	146	5	526	2,627
California.....	4,885	17,764	3,499	6,481	11,370	32,698	35,974	99,753	1,239	42	4,716	31,149

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.--QUANTITY AND VALUE OF CANDY AND OTHER CONFECTIONERY PRODUCTS (EXCEPT CONFECTIONERY TYPE SOLID CHOCOLATE AND CHEWING GUM) SHIPPED BY ALL MANUFACTURING ESTABLISHMENTS IN THE UNITED STATES: 1953 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Confectionery Products Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)
2071---	Confectionery products, total <sup>1</sup> .....	xxx	1,162,773	xxx	982,501
20711--	Bar goods (except solid chocolate bars).....	xxx	263,052	xxx	230,205
2071112	Chocolate covered (made by enrobing separately prepared centers with chocolate covering).....	478,306	171,325	523,081	189,885
2071121	Confectionery (cocoa) coated.....	136,886	50,802	142,804	40,320
2071151	Other bars.....	116,226	38,781	...	...
2071100	Bar goods not specified by kind.....	xxx	2,137	...	...
2071200	5 cent and 10 cent specialties (other than bar goods and cough drops).....	276,521	105,589	238,499	85,065
20713--	Package goods (except solid chocolate) to retail at .....	xxx	387,496	xxx	297,532
2071312	\$2.00 or more per pound.....	23,955	34,938	51,448	60,006
2071321	\$1.50 to \$1.99 per pound.....	46,271	46,349	77,983	68,767
2071331	\$1.00 to \$1.49 per pound.....	81,706	64,788	112,965	55,627
2071351	50¢ to 99¢ per pound.....	180,651	90,809	419,145	113,132
2071371	Less than 50¢ per pound.....	543,721	144,034	...	...
2071500	Packaged goods not specified by kind.....	xxx	6,378	...	...
20714--	Bulk goods (except solid chocolate).....	xxx	135,446	xxx	154,686
2071412	Chocolate covered.....	118,135	51,718	136,138	63,245
2071421	Confectionery (cocoa) covered.....	19,807	6,047	...	...
2071451	Nonchocolate bulk candy (including caramels, toffee, peanut-brittle, etc.).....	323,159	73,310	405,071	91,443
2071400	Bulk goods not specified by kind.....	xxx	4,371	...	...
2071511	Salted, roasted, cooked, or blanched nuts, sold in bulk.....	91,233	42,197	113,728	46,744
20716--	Other candy and confectionery.....	xxx	210,038	xxx	143,034
2071611	Cough drops, selling at retail for 10 cents or less per package.....	41,533	22,545	27,952	12,520
2071621	Penny goods (including all goods other than bars retailing in units of 4 cents or less).....	159,096	50,080	158,893	42,563
2071631	Canned nutmeats (including peanuts).....	62,851	41,507	45,383	29,684
2071651	Other packaged nutmeats (including peanuts).....	136,107	75,190	87,580	38,218
2071671	Glaze, candied and crystallized fruit and nuts (n.e.c.).....	21,398	13,391	39,491	15,601
2071600	Other candy and confectionery, not specified by kind.....	xxx	7,325	xxx	4,518
2071000	Confectionery products, not specified by kind.....	xxx	18,955	xxx	23,235

xxx: Not applicable.

<sup>1</sup>Does not include confectionery type solid chocolate (solid chocolate bars and other molded confections) included in products for industry 2072, chocolate and cocoa products.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-1-7-1

### MALT LIQUORS INDUSTRY

(Industry Code 2082--SIC system in use through 1957)

Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Malt Liquors Industry shipped products valued at \$1,983 million, an increase of 6 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 12 percent from 1954 to 1958 to a total of 71.5 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$1,114 million in 1958, an increase of 1 percent from 1954 when the

previous census was taken. Adjusted value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

TABLE 1.--GENERAL STATISTICS FOR THE MALT LIQUORS INDUSTRY IN THE UNITED STATES: 1954 AND 1958

Standard Industrial Classification Code 2082

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees				
Number.....	Thousands.....	71.5	81.2	-12
Payroll.....	Million dollars..	44.2	48.1	-8
Production workers				
Number.....	Thousands.....	67.2	76.1	-12
Man-hours.....	Millions.....	4.2	4.6	-9
Wages.....	Million dollars..	34.7	37.8	-9
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	1,114.1	1,098.7	+1
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	1,114.7	1,098.7	+1
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	61.4	61.4	0
Value of shipments <sup>5</sup> .....	..do.....	1,983.2	1,847.5	+8
Capital expenditures, new.....	..do.....	62.4	64.5	-3
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	224	224	0

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further processing, plus (c) the value added in the manufacture of products and services used in the manufacture of products.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Malt Liquors Industry includes establishments engaged primarily in the manufacture of all kinds of malt liquors such as ale, beer, porter, stout, and malt extract. Establishments primarily engaged in bottling purchased malt liquors are classified in Trade Industries. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Malt Liquors Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Malt Liquors Industry amounted to \$1,983 million. The industry shipments of primary products amounting to \$1,978 million represented almost 100 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was also 100 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total

value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,982 million of malt liquor products were shipped by all producers of these products. Of this total, \$1,978 million, or almost 100 percent, were shipped by plants classified in Industry 2082, Malt Liquors, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



Table 3.--QUANTITY AND VALUE OF MALT LIQUORS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Malt Liquors Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of Shipments")

Product code	Product	Unit of quantity	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value exc. excise tax (\$1,000)	Quantity	Value exc. excise tax (\$1,000)
2082---	Malt liquors, total.....		xxx	1,982,559	xxx	1,854,825
20821--	Beer, ale and other malt liquors.....		xxx	1,962,810	xxx	1,832,783
	Nonbulk shipments:					
	Beer and ale:					
	Case goods, cans:					
	Beer:					
2082114	12 oz. can.....	1,000 barrels.....	22,152	666,549	19,445	564,384
2082115	16 oz. can.....	1,000 barrels.....	2,438	72,994		
2082118	Other can sizes.....	1,000 barrels.....	405	13,503		
2082119	Ale (all can sizes).....	1,000 barrels.....	450	14,805	546	15,844
	Case goods, bottles:					
	Beer:					
	Returnable bottles:					
2082122	Under 12 oz. bottles.....	1,000 barrels.....	3,792	99,741	37,937	830,321
2082124	12 oz. bottles.....	1,000 barrels.....	25,544	559,181		
2082127	32 oz. bottles.....	1,000 barrels.....	5,305	109,766		
2082128	All other bottles sizes.....	1,000 barrels.....	899	18,239		
	Nonreturnable bottles:					
	Under 12 oz. bottles.....	1,000 barrels.....	113	3,264	1,963	44,564
2082132	12 oz. bottles.....	1,000 barrels.....	2,734	75,724		
2082137	32 oz. bottles.....	1,000 barrels.....	2,102	47,535		
2082138	All other bottle sizes.....	1,000 barrels.....	29	739		
2082141	Ale (all bottle sizes).....	1,000 barrels.....	1,368	31,554	1,963	44,564
	Barrels and kegs:					
2082161	Beer.....	1,000 barrels.....	16,700	227,668	18,315	235,729
2082163	Ale.....	1,000 barrels.....	975	14,012	894	11,881
2082171	Porter, stout and other fermented malt liquors (cans, bottles, barrels, and kegs).....	1,000 barrels.....	105	2,889	221	4,817
2082181	Bulk transfers of malt beverages to other establishments of this company.....	1,000 barrels.....	198	3,281	(NA)	(NA)
2082100	Beer, ale and other malt liquors, not specified by kind.....		xxx	1,070	xxx	4,421
20822--	Brewers' grains and other brewery products.....		xxx	18,918	xxx	19,131
2082211	Malt extract.....	1,000 lbs.....	34,919	4,561	43,859	5,573
	Brewers' spent grains:					
2082251	Dry.....	1,000 short tons.....	198	8,393	198	7,873
2082255	Wet.....	1,000 short tons.....	1,083	5,564	564	5,525
2082200	Brewers' grains and other brewery products, not specified by kind.....		xxx	xxx	xxx	160
2082000	Malt liquors, not specified by kind.....		xxx	811	xxx	2,911

xxx Not applicable.  
NA Not available.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-20G-2

### MALT INDUSTRY

(Industry Code 2083--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Malt Industry shipped products valued at \$195 million, a decrease of 4 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 8 percent from 1954 to 1958 to a total of 2.4 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$55 million in 1958, an increase of 9 percent from 1954 when the previous census was taken. Adjusted value added is derived by subtracting the cost

of materials, fuels, etc., from value of shipments and the net change in finished products and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE MALT INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2083)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	2.4	2.6	-8
Payroll.....	Million dollars..	16.3	14.6	+12
Production workers:				
Number.....	Thousands.....	1.8	2.0	-10
Man-hours.....	Millions.....	3.6	4.1	-12
Wages.....	Million dollars..	10.9	10.2	+7
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	56.6	48.1	+18
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	54.8	50.3	+9
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	138.0	154.8	-11
Value of shipments <sup>5</sup> .....	do.....	195.0	205.6	-4
Capital expenditures, new.....	do.....	3.1	3.3	-6
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	34	34	...

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Include value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Malt Industry includes establishments engaged primarily in the manufacture of malt and malt byproducts. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Malt Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Malt Industry amounted to \$195 million. The industry shipments of primary products amounting to \$182 million represented 100 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 100 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$185 million

of malt products were shipped by all producers of these products. Of this total, \$182 million or 98 percent, were shipped by plants classified in Industry 2083, Malt, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

Table 2.--GENERAL STATISTICS FOR THE MALT INDUSTRY (S.I.C. CODE 2081) BY REGIONS AND SELECTED STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>					
United States, total.....	2,404	16,330	1,802	3,590	10,832	56,628	54,787	195,027	3,131	34	2,663	48,144
Middle Atlantic.....	188	1,244	147	278	80	4,172	3,937	13,978	76	6	602	4,072
East North Central.....	1,491	10,955	1,155	2,309	6,952	37,386	34,761	124,934	2,226	16	1,613	34,064
Wisconsin.....	1,155	7,999	824	1,617	4,867	27,609	26,491	94,773	1,806	10	1,344	24,352
West North Central.....	484	3,140	399	798	2,492	9,722	10,828	42,356	567	9	480	7,573

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--QUANTITY AND VALUE OF MALT SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Malt Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)
2083---	Malt, total.....	xxx	184,906	xxx	193,120
20831--	Malt.....	3,008,218	175,234	3,009,070	180,063
2083111	Barley malt.....	3,004,644	175,142	3,005,008	179,886
2083151	Rye and wheat malt.....	3,574	152	4,062	177
2083211	Malt sprouts (dry weight equivalent, screenings, chaff, and skimmings).....	563,612	9,612	603,267	13,057

xxx Not applicable.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-24G-3

### BOTTLED SOFT DRINKS INDUSTRY

(Industry Code 2081--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Bottled Soft Drinks Industry shipped products valued at \$1,492 million, an increase of 25 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 4 percent from 1954 to 1958 to a total of 95.7 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$834 million in 1958, an increase of 28 percent from 1954 when the previous census was taken. Adjusted value added is derived by

subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished products and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE BOTTLED SOFT DRINKS INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2081)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	95.7	91.6	+4
Payroll.....	Million dollars...	398.7	319.8	+24
Production workers:				
Number.....	Thousands.....	38.9	41.5	-6
Man-hours.....	Millions.....	83.9	80.5	+4
Wages.....	Million dollars...	129.1	109.5	+17
Value added by manufacture, unadjusted <sup>2</sup> .....	...do.....	821.6	635.0	+29
Value added by manufacture, adjusted <sup>3</sup> .....	...do.....	834.2	651.3	+28
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	...do.....	699.8	539.5	+22
Value of shipments <sup>5</sup> .....	...do.....	1,491.7	1,189.2	+25
Capital expenditures, new.....	...do.....	64.2	47.7	+34
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	1,402	1,250	+12

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further processing, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Bottled Soft Drinks Industry includes establishments engaged primarily in the manufacture of bottled or canned soft drinks (nonalcoholic beverages) and carbonated waters. Establishments primarily engaged in preparing fruits and vegetable juices are classified in Industry 2033, Canned Fruits and Vegetables; fruit sirups for flavoring in Industry 2095, Flavorings; and cider in Industry 2099, Food Preparations, N.E.C. Establishments primarily engaged in bottling natural spring waters are classified in Trade Industries. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Bottled Soft Drinks Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Bottled Soft Drinks Industry amounted to \$1,492 million. Of this total, \$1,403 million were products primary to the industry, \$3 million were products primary to other industries,

and \$86 million were receipts for miscellaneous activities. The industry shipments of primary products represented virtually 100 percent of total manufactured product shipments (primary and secondary). The 1954 ratio was 98 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,415 million of bottled soft drinks were shipped by all producers of these products. Of this total, \$1,403 million, or 99 percent were shipped by plants classified in Industry 2081, Bottled Soft Drinks, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## GROUP 2

50  
 2  
 ---  
 -13  
 -28  
 -29  
 -11  
 -9  
 -11  
 -1  
 -3  
 0.0  
 -31  
 ---  
 not  
 " of  
 ween  
 in

50  
 2  
 ---  
 -13  
 -28  
 -29  
 -11  
 -9  
 -11  
 -1  
 -3  
 0.0  
 -31  
 ---  
 not  
 " of  
 ween  
 in

50  
 2  
 ---  
 -13  
 -28  
 -29  
 -11  
 -9  
 -11  
 -1  
 -3  
 0.0  
 -31  
 ---  
 not  
 " of  
 ween  
 in

50  
 2  
 ---  
 -13  
 -28  
 -29  
 -11  
 -9  
 -11  
 -1  
 -3  
 0.0  
 -31  
 ---  
 not  
 " of  
 ween  
 in

50  
 2  
 ---  
 -13  
 -28  
 -29  
 -11  
 -9  
 -11  
 -1  
 -3  
 0.0  
 -31  
 ---  
 not  
 " of  
 ween  
 in

50  
 2  
 ---  
 -13  
 -28  
 -29  
 -11  
 -9  
 -11  
 -1  
 -3  
 0.0  
 -31  
 ---  
 not  
 " of  
 ween  
 in

50  
 2  
 ---  
 -13  
 -28  
 -29  
 -11  
 -9  
 -11  
 -1  
 -3  
 0.0  
 -31  
 ---  
 not  
 " of  
 ween  
 in



Table 3.--QUANTITY AND VALUE OF BOTTLED SOFT DRINKS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Bottled Soft Drinks Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code <sup>1</sup>	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2081---	Soft drinks, bottled, canned, and in bulk, total.....	Thousand cases....	21,254,172	1,415,127	21,097,100	1,096,065
	Bottled soft drinks, all sizes.....	..do.....	1,198,846	1,362,874	1,076,045	1,067,407
	Carbonated (all sizes):					
20810-2	Drinks containing kola extract.....	..do.....	658,427	695,946	621,018	576,790
20810-3	Orange.....	..do.....	64,142	73,711	47,145	46,777
20810-4	Lemon, lime, and lemon and lime combination.....	..do.....	118,467	141,336	90,016	93,615
20810-5	Root beer and sarsaparilla.....	..do.....	41,091	47,721	35,066	37,476
20810-6	Ginger ale.....	..do.....	44,580	65,722	42,112	60,087
20810-7	Grape.....	..do.....	24,477	24,477	23,513	23,895
20810-8	Carbonated water and club soda.....	..do.....	19,768	28,916	19,323	25,824
20810-9	Other carbonated flavors, including dietetics.....	..do.....	78,546	93,346	76,407	82,217
20810-X	Flavor not reported <sup>3</sup> .....	..do.....	162,209	182,268	103,801	102,791
2081065	Still (all sizes):					
	Orange.....	..do.....	4,615	5,949	10,932	12,754
2081067	Other still.....	..do.....	4,404	5,485	7,764	8,191
2081071	Canned soft drinks, all flavors (all sizes).....	Thousand cases	19,374	31,651	17,444	27,209
2081081	Soft drinks in bulks (barrels, tanks, etc.).....	of 24.....	53,929	20,602	3,311	1,449
	Bottled soft drinks, carbonated:	Thousand gallons..				
	Cases of 24 bottles:					
208101-	6 and 7 oz. bottles.....	Thousand cases....	529,550	543,504	579,220	532,659
2081012	Drinks containing kola extract.....	..do.....	343,172	346,171	429,591	383,459
2081013	Orange.....	..do.....	15,482	15,866	13,309	12,278
2081014	Lemon lime, and lemon and lime combination.....	..do.....	81,298	88,195	74,963	72,796
2081015	Root beer and sarsaparilla.....	..do.....	10,610	10,355	5,191	4,910
2081016	Ginger ale.....	..do.....	13,106	14,799	11,337	12,414
2081017	Grape.....	..do.....	4,892	4,974	7,339	6,667
2081018	Carbonated water and club soda.....	..do.....	6,613	8,071	6,700	6,878
2081019	Other carbonated flavors, including dietetics.....	..do.....	36,567	36,930	36,290	33,257
208101X	Flavor not reported.....	..do.....	17,810	18,163	...	...
208102-	8, 9 and 10 oz. bottles.....	..do.....	230,370	247,789	153,896	139,905
2081022	Drinks containing kola extract.....	..do.....	128,408	133,939	87,817	74,692
2081023	Orange.....	..do.....	32,251	36,864	22,636	21,275
2081024	Lemon, lime, and lemon and lime combination.....	..do.....	9,906	10,958	5,042	4,691
2081025	Root beer and sarsaparilla.....	..do.....	10,524	11,619	10,578	10,205
2081026	Ginger ale.....	..do.....	4,382	5,468	4,218	7,528
2081027	Grape.....	..do.....	11,967	12,531	9,275	8,269
2081028	Carbonated water and club soda.....	..do.....	830	1,040	838	960
2081029	Other carbonated flavors, including dietetics.....	..do.....	16,159	18,581	12,742	12,285
208102X	Flavor not reported.....	..do.....	15,943	16,889	...	...
208103-	12 and 16 oz. bottles.....	..do.....	215,833	275,781	144,857	158,589
2081032	Drinks containing kola extract.....	..do.....	148,743	189,456	104,710	112,487
2081033	Orange.....	..do.....	9,191	10,915	5,638	5,733
2081034	Lemon, lime, and lemon and lime combination.....	..do.....	13,886	18,278	1,578	2,194
2081035	Root beer and sarsaparilla.....	..do.....	13,144	15,975	12,727	13,460
2081036	Ginger ale.....	..do.....	3,234	5,239	2,094	3,280
2081037	Grape.....	..do.....	3,695	4,195	2,876	2,898
2081038	Carbonated water and club soda.....	..do.....	2,585	3,853	2,036	2,957
2081039	Other carbonated flavors, including dietetics.....	..do.....	11,751	16,604	12,893	15,560
208103X	Flavor not reported.....	..do.....	9,644	11,256	...	...
	Cases of 12 bottles:					
208104-	20-32 oz. bottles.....	..do.....	99,977	154,982	75,525	112,518
2081042	Drinks containing kola extract.....	..do.....	18,104	26,380	4,900	6,152
2081043	Orange.....	..do.....	7,218	10,066	5,510	7,471
2081044	Lemon, lime, and lemon and lime combination.....	..do.....	13,377	24,005	8,133	13,934
2081045	Root beer and sarsaparilla.....	..do.....	6,813	9,792	6,570	8,901
2081046	Ginger ale.....	..do.....	2,385	38,216	23,863	36,865
2081047	Grape.....	..do.....	2,083	2,774	2,323	3,051
2081048	Carbonated water and club soda.....	..do.....	9,740	15,952	9,749	15,029
2081049	Other carbonated flavors, including dietetics.....	..do.....	14,069	21,231	14,477	21,115
208104X	Flavor not reported.....	..do.....	4,715	6,566	...	...
2081061	Bottled soft drinks, larger than 32 oz. bottles, all flavors.....	Thousand gallons..	3,277	3,172	(NA)	1,450
20810XX	Soft drinks, container and flavor not specified.....	Thousand cases....	*111,913	126,242	102,176	101,561

xxx Not applicable.

NA Not available.

<sup>1</sup>In the product code numbering system used to identify carbonated bottled soft drinks, the sixth digit (1 through 4) identifies the type and size of container and the seventh digit identifies the flavor, (x) indicates that the flavor was not reported and (-) indicates a summation of the flavors as specified in the table stub titles.<sup>2</sup>Includes a computed number of cases for soft drinks sold in bulk (product code 2081081) and bottled soft drinks larger than 32 oz. bottles (product code 2081041) arrived at by assuming 1.5 gallons equal to one case.<sup>3</sup>Includes product codes 208101X, 208102X, 208103X, 208104X; and 2081061 and 20810XX. (See footnotes 2 and 4 for methods of estimating cases for these last two codes.)<sup>4</sup>Number of cases estimated by applying average unit price per case of all bottle sizes and flavors reported to the value reported.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-20G-4

### WINES AND BRANDY INDUSTRY

(Industry Code 2084--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958 average employment in the Wines and Brandy Industry was 4 percent higher than in 1954, reaching a total of 5.9 thousand employees.

Value of shipments and cost of materials are not shown for Industry 2084 because they both contain a considerable amount of duplication resulting from the extensive transfer of wines between establishments.

Both finished and unfinished wines are shipped from wineries "in bond" to establishments which age blend, clarify, bottle or otherwise process the product, pay the federal tax and ship the finished wine to dealers. The quantity and value of a given lot of wine may therefore be reported in the census by two or

more establishments, first in bond and later as tax-paid. However, adjusted value added by manufacture in the industry amounted to \$114 million in 1958, an increase of 13 percent from 1954 when the previous census was taken. Adjusted value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished products and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE WINES, BRANDY, AND BRANDY SPIRITS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2084)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	5.9	5.7	+4
Payroll.....	Million dollars..	29.0	23.3	+25
Production workers:				
Number.....	Thousands.....	4.3	4.3	0
Man-hours.....	Millions.....	8.7	8.4	+4
Wages.....	Million dollars..	17.7	13.7	+28
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	101.6	96.7	+5
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	113.9	100.4	+13
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	(4)	(4)	---
Value of shipments <sup>5</sup> .....	..do.....	(4)	(4)	---
Capital expenditures, net.....	..do.....	6.5	2.2	+194
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	74	66	+12.1

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Value of products shipped and cost of materials are omitted because they contain extensive duplication. See text.

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Wines and Brandy Industry includes establishments engaged primarily in the manufacture of wines, brandy, and brandy spirits. Bonded warehouses engaged in blending wines are also included in this industry. Establishments primarily bottling purchased wines, but which do not manufacture or blend wines or brandy are classified in trade industries. This report does not include figures for administrative offices, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a

whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

Table 2.--GENERAL STATISTICS FOR THE WINES AND BRANDY INDUSTRY (S.I.C. CODE 2084) BY REGIONS AND SELECTED STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments (gross) (\$1,000)	Capital expenditures, new (\$1,000)	No. of establishments with 20 or more employees <sup>2</sup>	All employees, number	Value added by manufacture, unadjusted <sup>3</sup> (\$1,000)
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>4</sup> (\$1,000)	Adjusted <sup>5</sup> (\$1,000)					
United States, total.....	5,941	29,029	4,319	8,694	17,659	101,628	113,862	( <sup>4</sup> )	6,526	74	5,724	96,749
Northeast.....	1,360	7,736	976	2,125	4,369	21,224	23,302	54,029	1,631	18	1,460	27,367
North Central.....	527	2,649	320	585	1,328	8,999	9,881	( <sup>5</sup> )	774	6	534	8,817
Michigan.....	167	889	69	114	228	2,158	2,183	4,416	18	2	256	2,759
South.....	299	1,303	241	465	741	5,385	6,372	( <sup>5</sup> )	120	4	224	2,778
West.....	3,755	17,341	2,782	5,519	11,221	66,020	74,307	( <sup>5</sup> )	4,001	46	3,503	63,035
California.....	3,635	16,723	2,695	5,362	10,827	63,785	71,918	( <sup>5</sup> )	3,832	44	3,359	61,604

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

<sup>5</sup>Omitted because of extensive duplication. See text.

Table 3.--QUANTITY AND VALUE OF WINES AND BRANDY SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Wines and Brandy Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity (number of units)	Value excluding State and Federal excise taxes (\$1,000)	Quantity (number of units)	Value excluding State and Federal excise taxes (\$1,000)
2084---	Wines and brandy, total.....	.....	xxx	1259,557	xxx	1175,396
	Still table wines, 14% and under; include light sweet wines:					
2084011	Light sweet grape wines.....	Thousand wine gals.	18,460	28,671	18,512	29,191
2084013	Other grape wines.....	do.....	31,697	29,735	24,198	18,950
2084015	Fruit and berry wines.....	do.....	2,351	4,310	3,217	4,827
	Still dessert wines, over 14%:					
2084021	Grape wines, all types.....	do.....	120,592	125,023	89,138	88,816
2084025	Fruit and berry wines.....	do.....	3,747	4,482	1,245	1,701
	Sparkling wines, natural and carbonated....	do.....	2,354	10,964	1,544	8,553
2084041	Vermouth.....	do.....	3,160	5,722	3,073	4,900
2084061	Beverage brandy.....	Thousand tax gals.	5,525	16,375	1,798	7,248
2084071	Neutral fruit spirits and neutral brandy....	do.....	4,991	5,620	2,122	2,826
2084000	Wines and brandy, not specified by kind.....	.....	xxx	10,655	xxx	8,378

xxx Not applicable.

<sup>1</sup>Both the 1958 and 1954 figures contain extensive duplication because the products of some establishments are used as materials in other establishments in the same industry.

**1958 CENSUS OF MANUFACTURES**  
**PUBLICATION PROGRAM**

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

**Final Industry Reports**

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

**Final Area Reports**

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

**Final Subject Reports**

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

**VOLUME I—SUMMARY STATISTICS**

**VOLUME II—INDUSTRY STATISTICS**

**VOLUME III—AREA STATISTICS**

**Bureau of the Census**

WASHINGTON 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-20G-5

### DISTILLED LIQUOR INDUSTRY

(Industry Code 2085—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Distilled Liquor Industry shipped products valued at \$942 million, an increase of 25 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufacturers conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 5 percent from 1954 to 1958 to a total of 20.4 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$462 million in 1958, an increase of 13 percent from 1954 when the previous census was taken. Adjusted value

added is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE DISTILLED LIQUOR INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2085)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	20.4	21.5	-5
Payroll.....	Million dollars...	102.2	89.4	+14
Production workers:				
Number.....	Thousands.....	16.6	17.1	-3
Man-hours.....	Millions.....	32.1	32.9	-2
Wages.....	Million dollars...	73.6	65.5	+12
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	447.3	356.5	+25
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	462.5	338.4	+35
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	478.9	388.7	+23
Value of production <sup>5</sup> .....	..do.....	941.7	754.6	+25
Capital expenditures, new.....	..do.....	9.9	8.9	+12
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	91	97	-6

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work. Value figures do not include Federal or State excise taxes.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Distilled Liquor Industry includes establishments engaged primarily in the manufacture of alcoholic liquors by distillation and rectification, and in manufacturing cordials and alcoholic cocktails by blending processes, or by mixing liquors with other ingredients. Important products of this industry include grain alcohol (neutral spirits) straight and blended whiskies, rum, gin, cordials, liqueurs, and prepared alcoholic cocktails. Establishments primarily engaged in manufacturing industrial alcohol are classified in Industry 2829, Organic Chemicals, N.E.C., and those only bottling purchased liquors are classified in Trade industries. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in distilled liquor industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The value figures exclude Federal and State excise taxes. The total value of products made and other receipts of establishments classified in the distilled liquor industry amounted to \$942 million. Of this total, \$789 million were products primary to the industry, \$31 million were products primary to other industries, and \$122 million were receipts for miscellaneous activities. The industry shipments of primary products

represented 96 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 99 percent.

There is some duplication in the value of shipments and cost of material figures for Industry 2085. Some of the products of distillers (chiefly spirits) are used, in the same year as produced, as raw materials of rectifying and bottling plants, and therefore are included in the value of shipments more than once.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$791.7 million of Distilled Liquors were shipped by all producers of these products. Of this total, \$788.6 million, or almost 100 percent, were shipped by plants classified in Industry 2085, Distilled Liquor, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE DISTILLED LIQUOR INDUSTRY (S. I. C. CODE 2085) BY REGIONS AND SELECTED STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>2</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>					
United States, total.....	20,441	102,181	16,571	32,100	73,579	447,281	462,525	941,722	9,908	91	21,505	356,741
Northeast.....	4,292	20,713	3,320	6,484	13,552	92,888	95,430	161,875	1,686	21	4,542	61,000
New Jersey.....	598	2,917	468	933	2,106	8,200	8,326	14,089	198	5	583	11,610
Pennsylvania.....	2,498	11,343	1,938	3,747	7,748	47,108	47,639	84,326	846	7	2,467	32,244
North Central.....	6,132	33,482	4,948	9,735	24,722	144,784	154,315	328,050	2,447	17	6,678	116,051
South.....	9,270	44,240	7,788	15,020	33,426	189,317	190,017	401,089	5,136	47	9,857	162,879
Pacific.....	747	3,745	515	860	1,878	20,290	22,762	50,698	639	6	426	16,809

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production." Value figures do not include Federal or State Excise Taxes.

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF DISTILLED LIQUORS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Distilled Liquor Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	Unit of measure	Total production			
			1958		1954	
			Quantity	Value excluding State and Federal excise taxes (\$1,000)	Quantity	Value excluding State and Federal excise taxes (\$1,000)
2085—	Distilled Liquors, except brandy, total.....	xxx	791,686	xxx	684,329	xxx
20851—	Distilled Liquors, except brandy.....	xxx	124,326	xxx	123,398	xxx
	Products of distilleries and industrial alcohol plants:					
	Whiskey (Raw):					
2085111	Bourbon.....	Thousand proof gallons.....	102,772	85,109	90,176	80,862
2085115	Rye.....	..do.....	5,845	4,314	8,099	6,814
2085119	Other.....	..do.....	13,030	5,841	6,162	3,291
2085131	Spirits (except fruit).....	..do.....	66,080	24,150	52,350	21,047
2085149	Other distilled liquors (including gin).....	..do.....	9,418	4,912	24,656	10,568
20852—	Distillers' Grains.....	Short tons.....	xxx	16,889	...	19,733
2085211	Distillers' dried grains, dark and light.....	..do.....	239	11,965	204	12,138
2085251	Distillers' dried solubles.....	..do.....	77	4,324	74	5,199
2085298	Distillers' grains, not elsewhere classified.....	..do.....	xxx	xxx	xxx	12,396
20853—	Bottled Liquors.....	xxx	649,890	xxx	540,231	xxx
	Rectified products:					
	Whiskey:					
	Blends of whiskeys.....	Thousand wine gallons.....	985	3,310	2,870	11,127
2085312	Blends with neutral spirits.....	..do.....	70,301	239,073	78,233	250,376
2085319	Other whiskey.....	..do.....	2,264	6,265	765	4,431
2085321	Gin.....	..do.....	1,656	3,566	1,402	2,757
2085331	Cordials, liqueurs, cocktails and similar compounds.....	..do.....	6,479	26,176	5,158	19,819
2085333	Other rectified products.....	..do.....	3,199	7,377	2,432	5,657
2085335	Other rectified products.....	..do.....	1,040	2,756	xxx	2,239
2085300	Bottled Liquors, not specified by kind.....	..do.....	xxx	239	xxx	2,239
	Unrectified products:					
	Whiskey.....	Thousand wine gallons.....	41,284	203,410	27,543	136,213
2085351	Gin.....	..do.....	17,742	42,329	17,029	36,293
2085355	Vodka.....	..do.....	10,664	41,921	1,612	5,433
2085359	Other unrectified products.....	..do.....	650	1,690	...	...
	Bottled in bond:					
	Whiskey:					
2085361	For domestic use.....	Thousand proof gallons.....	11,121	68,323	10,007	62,371
2085365	For export.....	..do.....	286	2,228	466	3,394
2085381	Other.....	..do.....	192	1,067	9	101
2085000	Distilled liquors, except brandy, not specified by kind.....	xxx	581	xxx	xxx	967

xxx Not applicable.

<sup>1</sup>Includes a small amount of distillers' grains, not specified by kind.

USCOMM--DC



# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-20H-1

### SHORTENING AND COOKING OILS INDUSTRY

(Industry Code 2092—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Shortening and Cooking Oils Industry shipped products valued at \$1,004 million, an increase of 5 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 2 percent from 1954 to 1958 to a total of 9.6 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$160 million in 1958, a decrease of 13 percent from 1954 when the previous census was taken. Adjusted

value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE SHORTENING AND COOKING OILS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2092)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	9.6	9.4	+2
Payroll.....	Million dollars...	54.8	42.4	+29
Production workers:				
Number.....	Thousands.....	6.5	6.8	-4
Man-hours.....	Millions.....	13.8	14.0	-1
Wages.....	Million dollars...	33.7	27.6	+21
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	150.4	176.0	-15
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	159.5	183.8	-13
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	842.4	777.3	+8
Value of shipments <sup>5</sup> .....	..do.....	1,004.2	954.8	+5
Capital expenditures, new.....	..do.....	8.7	11.0	-21
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	51	51	-

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Shortening and Cooking Oils Industry includes establishments engaged primarily in the manufacture of edible vegetable and compound shortenings, vegetable cooking oils, salad oils, and other refined table oils not elsewhere classified, by further processing of purchased animal and vegetable oils. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Shortening and Cooking Oils Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Shortening and Cooking Oils Industry amounted to \$1,004 million. Of this total, \$793 million were products primary to the industry, \$133 million were products primary to other industries, and \$78 million were receipts for miscellaneous activities. The industry shipments of primary products represented 86

percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 85 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$899 million of shortening and cooking oils were shipped by all producers of these products. Of this total, \$793 million, or 88 percent, were shipped by plants classified in Industry 2092, Shortening and Cooking Oils, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

Table 2.--GENERAL STATISTICS OF THE SHORTENING AND COOKING OILS INDUSTRY (S.I.C. CODE 2092) BY REGION AND SELECTED STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	9,701	11,798	1,458	13,841	11,083	150,434	159,521	1,004,168	8,730	51	1,398	171,388
Northeast.....	2,073	12,130	1,521	3,162	7,764	38,468	43,990	236,412	1,869	9	1,777	32,311
New Jersey.....	1,513	8,525	1,155	2,390	5,707	24,668	29,921	180,704	1,232	6	854	11,546
East North Central.....	2,484	15,162	1,684	3,651	9,658	45,490	47,798	285,903	3,785	11	2,753	38,936
Illinois.....	1,540	9,521	1,074	2,236	6,166	27,320	30,050	200,694	2,971	9	1,482	23,015
South Atlantic.....	623	2,903	402	832	1,614	6,536	6,578	52,570	321	7	799	42,903
East South Central.....	1,478	8,278	974	2,193	4,721	19,627	16,533	168,425	901	7	1,550	16,927
West South Central.....	1,558	8,162	1,042	2,235	4,748	21,600	25,658	156,833	387	11	1,550	28,110
Pacific.....	1,102	6,679	700	1,465	4,168	15,886	16,082	85,683	1,276	5	1,167	16,760
California.....	1,102	6,679	700	1,465	4,168	15,886	16,082	85,683	1,276	5	1,167	16,760

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--QUANTITY AND VALUE OF SHORTENING AND COOKING OILS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Shortening and Cooking Oils Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	1958				1954			
		Total shipments including inter-plant transfers		Transfers to other plants of the same company		Total shipments including inter-plant transfers		Transfers to other plants of the same company	
		Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)
2092---	Shortening, and cooking oils, total.....	xxx	899,095	(NA)	(NA)	xxx	888,258	xxx	97,493
2092012	Shortenings:								
	Consumer sizes (containers 3 lbs. and under).....	789,059	188,256	(NA)	(NA)	2,303,304	450,693	74,726	13,508
2092017	Commercial sizes (containers of more than 3 lbs.).....	1,348,594	230,451						
2092021	Mon- and di-glycerides.....	35,182	9,275	(NA)	(NA)	22,605	6,709	1,788	504
2092041	Hydrogenated oils, edible:								
	Vegetable.....	970,974	141,824	85,743	13,045	1,114,510	193,580	327,523	54,860
2092043	Animal.....	36,475	5,261	5,023	696	43,617	7,720	2,432	198
2092052	Salad or cooking oils, including olive oil produced at this plant (refined oils, bleached, deodorized, and/or winterized).....	1,909,784	302,070	56,568	8,874	1,184,502	218,695	142,758	24,041
2092071	Vegetable oil winter stearin.....	55,193	8,065	12,826	1,847	72,058	10,861	28,202	4,382
2092000	Shortening, cooking oils, and related products, not specified by kind.....	xxx	13,893	(NA)	(NA)	...	...	...	...

NA Not available.

xxx Not applicable.

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MO(P)-20H-2

### MACARONI AND SPAGHETTI INDUSTRY

(Industry Code 2093--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Macaroni and Spaghetti Industry shipped products valued at \$180 million, an increase of 17 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 4 percent from 1954 to 1958 to a total of 6.8 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$67 million in 1958, an increase of 27 percent from 1954 when the previous census was taken. Adjusted value added is

derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table ...--GENERAL STATISTICS FOR THE MACARONI AND SPAGHETTI INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2093)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	6.8	7.1	-4
Payroll.....	Million dollars..	27.9	24.5	+15
Production workers:				
Number.....	Thousands.....	4.9	5.3	-7
Man-hours.....	Millions.....	9.7	10.2	-5
Wages.....	Million dollars..	16.4	14.5	+13
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	63.9	51.1	+25
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	66.8	52.6	+27
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	114.3	102.6	+11
Value of shipments <sup>5</sup> .....	..do.....	180.4	154.8	+16
Capital expenditures, net <sup>6</sup> .....	..do.....	5.3	2.5	+112
Number of establishments with 20 or more employees <sup>7</sup> .....	Number.....	76	84	-11

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further processing plus (c) the net change in finished products and work-in-process inventories between the beginning and end of the year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Macaroni and Spaghetti Industry includes establishments engaged primarily in the manufacture of macaroni, spaghetti, vermicelli, and noodles. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of shipments reported by establishments classified in Macaroni and Spaghetti Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Macaroni and Spaghetti Industry amounted to \$180 million. Of this total, \$162 million were products primary to the industry, \$5 million were products primary to other industries, and \$13 million were receipts for miscellaneous activities. The industry shipments of primary products represented 97 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 98 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$165 million of macaroni and spaghetti products were shipped by all producers of these products. Of this total, \$162 million, or 98 percent, were shipped by plants classified in Industry 2098, Macaroni and Spaghetti, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

# 1958 CENSUS OF MANUFACTURES

Table 2. GENERAL STATISTICS FOR THE MACARONI AND SPAGHETTI INDUSTRY (SIC 2031), BY REGION AND RELATED STATISTICS: 1958 AND 1954

Region and State <sup>1</sup>	1958									1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>				
United States: Total.....	1,133	17,445	4,434	2,118	21,441	63,366	66,722	18,144.5	5,274	74	11,144
New England.....	44	1,433	114	569	944	1,111	1,111	12,444	441	1	1,111
Middle Atlantic.....	1,144	1,384	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1	1,111
New York.....	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1	1,111
New Jersey.....	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1	1,111
Pennsylvania.....	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1	1,111
East North Central.....	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1	1,111
Ohio.....	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1	1,111
Illinois.....	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1	1,111
West North Central.....	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1	1,111
Minnesota.....	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1	1,111
South and West.....	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1	1,111
Washington.....	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1	1,111
California.....	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1	1,111

(D) Withhold to avoid disclosing figures for individual companies.

<sup>1</sup>For production workers and their payroll, see the 1958 Census of Manufactures, Vol. 1, Part 1, Table 1. For value added by manufacture, see Vol. 1, Part 2, Table 2. For value of shipments, see Vol. 1, Part 3, Table 3. For capital expenditures, see Vol. 1, Part 4, Table 4. For number of establishments with 20 or more employees, see Vol. 1, Part 5, Table 5.

<sup>2</sup>Value of products shipped less cost of materials, supplies, and other items used in production. It does not include the increase resulting from the purchase of finished products without further manufacture, processing, or assembly, plus the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>3</sup>For explanation, see text under "Value of shipments."

<sup>4</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports from establishments first including those with less than 20 employees classified in the industry.

Table 3. QUANTITY AND VALUE OF MACARONI AND SPAGHETTI SHIPPED BY ALL MANUFACTURERS: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Macaroni and Spaghetti industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 lbs)	Value (\$1,000)	Quantity (1,000 lbs)	Value (\$1,000)
2031	Macaroni and spaghetti.....	XX	1,111	XXX	1,111
2032	Macaroni, shaped and coated, except spaghetti.....	XX	1,111	XXX	1,111
2033	Macaroni, shaped and coated, except spaghetti.....	XX	1,111	XXX	1,111
2034	Macaroni, shaped and coated, except spaghetti.....	XX	1,111	XXX	1,111

XX = Withhold to avoid disclosing figures for individual companies.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-20H-3

### MARGARINE INDUSTRY

(Industry Code 2093--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Margarine Industry shipped products valued at \$219 million, an increase of 10 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 4 percent from 1954 to 1958 to a total of 2.7 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$57 million in 1958, an increase of 29 percent from 1954 when the previous census was taken. Adjusted value added is derived by subtracting

the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE MARGARINE INDUSTRY IN THE UNITED STATES: 1954<sup>1</sup> AND 1958

(Standard Industrial Classification Code 2093)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	2.7	2.6	+4
Payroll.....	Million dollars..	14.9	10.5	+42
Production workers:				
Number.....	Thousands.....	2.0	1.8	+11
Man-hours.....	Millions.....	4.3	3.7	+16
Wages.....	Million dollars..	9.8	6.3	+56
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	42.4	42.6	+30
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	4.7	44.0	+29
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	183.7	156.1	+18
Value of shipments <sup>5</sup> .....	..do.....	19.4	199.4	+10
Capital expenditures, new.....	..do.....	3.4	1.	+187
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	28	30	-7

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Margarine Industry includes establishments engaged primarily in the manufacture of oleomargarine, margarine, nut margarine, etc. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Margarine Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Margarine Industry amounted to \$219 million. Of this total, \$180 million were products primary to the industry, \$34 million were products primary to other industries, and \$5 million were receipts for miscellaneous activities. The industry shipments of primary products represented 84 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 90 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$296 million of Margarine were shipped by all producers of these products. Of this total, \$180 million, or 61 percent, were shipped by plants classified in Industry 2093, Margarine, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964, covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE MARGARINE INDUSTRY (S.I.C. CODE 2099) BY REGION, 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	2,699	14,879	1,479	4,334	9,774	55,361	56,744	219,427	3,378	28	2,626	44,447
Northeast and North Central.....	1,063	2,076	1,248	2,779	6,900	37,406	40,309	134,339	2,344	14	1,424	21,540
South.....	904	4,037	616	1,308	2,304	14,817	15,162	67,833	776	11	977	14,871
Georgia.....	253	1,060	195	407	767	3,484	3,708	18,012	81	4	198	3,113
Texas.....	275	1,223	197	426	753	4,463	4,580	22,498	131	4	404	5,108
Pacific.....	152	766	116	227	550	1,158	1,273	12,253	20	3	225	3,891

<sup>1</sup>As previously stated, not shown separately in the table for Alaska, Hawaii, and Puerto Rico, since the industry was of relatively minor economic importance in these areas. Minor percentages will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference between value added by manufacture and value added by processing, plus (c) the net change in finished products in stock-in-process inventories between two consecutive years.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in this table are based on reports for all establishments including those with less than 20 employees classified in the industry.

Table 3.—QUANTITY AND VALUE OF MARGARINE SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Margarine Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)
2093---	Margarine.....	xxx	209,967	xxx	278,484
2093011	Sold in packages of 1 lb. and under.....	1,416,419	272,913	1,269,909	262,271
2093019	Other.....	123,713	23,054	74,536	16,213

xxx Not applicable.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-20H-4

### CORN WET MILLING INDUSTRY

(Industry Code 2094--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Corn Wet Milling Industry shipped products valued at \$529 million, an increase of 11 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 2 percent from 1954 to 1958 to a total of 13.8 employees in 1958. Adjusted value added by manufacture in the industry amounted to \$250 million in 1958, an increase of 40 percent from 1954 when the previous census was taken. Adjusted value added is derived by

subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished products and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE CORN WET MILLING INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2094)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	13.8	13.6	+2
Payroll.....	Million dollars...	78.8	60.0	+51
Production workers:				
Number.....	Thousands.....	10.4	10.6	-2
Man-hours.....	Millions.....	22.3	21.0	+6
Wages.....	Million dollars...	56.4	43.2	+51
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	245.8	176.7	+59
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	249.6	178.7	+40
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	282.4	289.8	-1
Value of shipments <sup>5</sup> .....	..do.....	529.4	463.5	+11
Capital expenditures, new.....	..do.....	18.0	16.4	+10
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	26	21	+24

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

GROUP 21

The Corn Wet Milling Industry includes establishments engaged primarily in the manufacture of sirup, sugar, oil, and starch from corn (wet process corn milling). Establishments primarily engaged in manufacturing potato, rice, wheat, root, and other starches are also included in this industry. Establishments primarily engaged in manufacturing mixed or blended sweetening sirups containing corn sirup are classified in Industry 2099, Food Preparations, N.E.C., and those primarily engaged in manufacturing corn meal and grits are classified in Industry 2041, Flour and Meal. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Corn Wet Milling Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Corn Wet Milling Industry amounted to \$529 million. Of this total, \$473 million were products primary to the industry, \$49 million were products primary to other industries, and \$7 million were receipts for miscellaneous

activities. The industry shipments of primary products represented 91 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 91 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$495 million of Corn wet milling products were shipped by all producers of these products. Of this total, \$473 million, or 96 percent, were shipped by plants classified in Industry 2094, Corn Wet Milling, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and totals for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

Table 3.--QUANTITY AND VALUE OF CORN WET MILLING PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1954 AND 1954

Region and State <sup>1</sup>	1958								1954		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	N. of establishments with 25 or more employees <sup>5</sup>	Value added by manufacture, Unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>				
United States, total.....	17,424	1,400,000	14,424	1,400,000	1,400,000	24,000	24,000	1,400,000	1,400,000	1,400,000	1,400,000
N. Atlantic.....	1,200	100,000	1,000	100,000	100,000	2,000	2,000	100,000	100,000	1,000	100,000
East North Central.....	1,200	100,000	1,000	100,000	100,000	2,000	2,000	100,000	100,000	1,000	100,000
West North Central.....	1,200	100,000	1,000	100,000	100,000	2,000	2,000	100,000	100,000	1,000	100,000
South and West.....	1,200	100,000	1,000	100,000	100,000	2,000	2,000	100,000	100,000	1,000	100,000

<sup>1</sup>Even though a State is not shown as having any establishments in a particular industry, it may have some establishments in that industry which are classified in another industry. This will appear in the final Census report on that industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of value added by workers, plus the value of depreciation on plant and equipment, plus the value of change in inventory, plus (c) the value of finished goods in work-in-process inventories, minus the beginning and end of work.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 25 or more employees," the figures shown in this table are based on the number of establishments including those with less than 25 employees classified in the industry.

Table 3.--QUANTITY AND VALUE OF CORN WET MILLING PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1954 AND 1954

Includes quantity and value of these products reported not only by establishments classified in the Corn Wet Milling Products Industry but also by establishments making these items as "secondary" products in their industries. See text under "Value of shipments."

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)
2094---	Corn products, total.....	xxx	45,307	xxx	45,307
20941--	Corn sirup, sugar and starches.....	xxx	3,208	xxx	273,000
2094111	Corn sirup, unadvised:				
	In containers of over 50 pounds.....	1,692,204	85,717	1,570,360	75,070
2094115	In containers of 10 pounds or less.....	xxx	...	xxx	...
2094121	Corn sugar:				
	Crude (7.9% moisture).....	24,704	3,117	24,704	40,024
2094125	Refined (hydrolyzed and anhydrous).....	132,657	14,700	132,657	...
2094131	Corn starch:				
	In packages larger than 5 pounds.....	1,322,573	150,800	1,322,573	117,700
2094133	In packages of 5 pounds or less.....	153,466	1,117	153,466	23,700
2094137	Corn sirup solid (dried corn sirup).....	136,100	1,344	136,100	6,834
20942--	Starch, other than corn starch.....	xxx	1,124	xxx	57,200
2094211	Potato, Irish.....	97,124	6,917	97,124	1,767
2094219	Other.....	249,200	20,280	190,100	12,570
2094221	Starch from purchased stock:				
	In packages larger than 5 pounds.....	46,141	3,617	46,141	14,000
2094225	In packages of 5 pounds or less.....	67,740	7,800	67,740	13,600
2094313	Dextrin, corn, glucose, and other.....	173,000	13,770	173,000	13,600
20944--	Corn oil.....	xxx	6,013	xxx	15,170
2094411	Crude.....	xxx	6,013	xxx	15,170
2094415	Refined.....	xxx	6,013	xxx	15,170
20945--	Wet process corn byproducts.....	xxx	63,704	xxx	63,017
2094511	Sweep water concentrate (reported on 5% solids basis).....	1,200	2,233	1,200	2,447
2094521	Hydroly (reported on 26% moisture basis).....	1,200	2,233	1,200	2,447
2094531	Corn gluten feed.....	1,200	2,233	1,200	2,447
2094541	Corn gluten meal.....	1,200	2,233	1,200	2,447
2094551	Corn oil, cake and meal.....	1,200	2,233	1,200	2,447
2094559	Other wet process corn byproducts and corn products not specified by kind.....	xxx	4,110	xxx	23,160

xxx Not applicable.

<sup>1</sup>Includes a large amount of duplication because of interplant shipments of crude oil.

<sup>2</sup>Included with Product Code 2094593, other wet process corn products.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-20H-5

### FLAVORINGS INDUSTRY

(Industry Code 2095--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Flavorings Industry shipped products valued at \$513 million, an increase of 12 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 11 percent from 1954 to 1958 to a total of 9.4 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$262 million in 1958, an increase of 18 percent from 1954 when the previous census was taken. Adjusted value added is derived by

subtracting the cost of materials, fuels, etc., from value of shipments and the net change in finished products and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE FLAVORINGS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2095)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	9.4	10.6	-1
Payroll.....	Million dollars...	45.1	47.1	+3
Production workers:				
Number.....	Thousands.....	5.3	6.0	-12
Man-hours.....	Millions.....	10.7	12.4	-14
Wages.....	Million dollars...	22.1	20.3	+9
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	260.9	219.4	+19
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	262.0	221.7	+18
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	247.7	238.1	+4
Value of shipments <sup>5</sup> .....	..do.....	512.6	459.4	+12
Capital expenditures, new.....	..do.....	5.5	6.6	-17
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	94	109	-14

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

This industry comprises establishments primarily engaged in manufacturing flavoring extracts, sirups, and concentrated fruit juices, n.e.c., for soda fountain use or for the manufacture of soft drinks, and colors for bakers' and confectioners' use. Important products of this industry include flavoring extracts, flavoring concentrates; flavoring powders and pastes; burnt-sugar and other food colors; flavoring sirups; and crushed fruit for fountain use. Establishments primarily engaged in manufacturing frozen concentrated fruit juices are classified in Industry 2037, Frozen Fruits and Vegetables; chocolate sirups in Industry 2072, Chocolate and Cocoa Products; mixed or blended sweetening sirups and molasses in Industry 2099, Miscellaneous Food Preparations, N.E.C., and synthetic food dyes and colors in Industry 2822, Intermediate Coal Tar Products. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Flavorings Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Flavorings Industry amounted to \$513 mil-

lion. Of this total, \$437 million were products primary to the industry, \$57 million were products primary to other industries, and \$19 million were receipts for miscellaneous activities. The industry shipments of primary products represented 88 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 91 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$529 million of flavorings were shipped by all producers of these products. Of this total, \$437 million, or 82 percent, were shipped by plants classified in Industry 2095, Flavorings, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

MANUFACTURING INDUSTRIES FOR THE FLUORINE INDUSTRY (FIC) OF 1950

Region and State <sup>1</sup>	1950										
	All employees		Production workers		Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>3</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)					
United States.....	4,41	4,231	4,760	10,713	25,460	11,877	11,877	12,72	..	4	11,877
Alabama.....	1	1,044	1,060	2,400	5,400	2,400	2,400	2,400	..	1	2,400
Arkansas.....	1	1	1	1	1	1	1	1	..	1	1
California.....	1	1	1	1	1	1	1	1	..	1	1
Florida.....	1	1	1	1	1	1	1	1	..	1	1
Georgia.....	1	1	1	1	1	1	1	1	..	1	1
Illinois.....	1	1	1	1	1	1	1	1	..	1	1
Indiana.....	1	1	1	1	1	1	1	1	..	1	1
Iowa.....	1	1	1	1	1	1	1	1	..	1	1
Kansas.....	1	1	1	1	1	1	1	1	..	1	1
Michigan.....	1	1	1	1	1	1	1	1	..	1	1
Minnesota.....	1	1	1	1	1	1	1	1	..	1	1
Missouri.....	1	1	1	1	1	1	1	1	..	1	1
Montana.....	1	1	1	1	1	1	1	1	..	1	1
Nebraska.....	1	1	1	1	1	1	1	1	..	1	1
Nevada.....	1	1	1	1	1	1	1	1	..	1	1
New Hampshire.....	1	1	1	1	1	1	1	1	..	1	1
New Jersey.....	1	1	1	1	1	1	1	1	..	1	1
New Mexico.....	1	1	1	1	1	1	1	1	..	1	1
New York.....	1	1	1	1	1	1	1	1	..	1	1
North Carolina.....	1	1	1	1	1	1	1	1	..	1	1
Ohio.....	1	1	1	1	1	1	1	1	..	1	1
Oklahoma.....	1	1	1	1	1	1	1	1	..	1	1
Pennsylvania.....	1	1	1	1	1	1	1	1	..	1	1
Rhode Island.....	1	1	1	1	1	1	1	1	..	1	1
South Carolina.....	1	1	1	1	1	1	1	1	..	1	1
South Dakota.....	1	1	1	1	1	1	1	1	..	1	1
Tennessee.....	1	1	1	1	1	1	1	1	..	1	1
Texas.....	1	1	1	1	1	1	1	1	..	1	1
Utah.....	1	1	1	1	1	1	1	1	..	1	1
Vermont.....	1	1	1	1	1	1	1	1	..	1	1
Virginia.....	1	1	1	1	1	1	1	1	..	1	1
Washington.....	1	1	1	1	1	1	1	1	..	1	1
West Virginia.....	1	1	1	1	1	1	1	1	..	1	1
Wisconsin.....	1	1	1	1	1	1	1	1	..	1	1
Wyoming.....	1	1	1	1	1	1	1	1	..	1	1

D Withheld to avoid disclosing figures for individual companies.

E Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

F Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

G Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further processing, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

H For explanation see text under "Value of shipments."

I Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--QUANTITY AND VALUE OF FLAVORINGS PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Flavorings Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2095----	Flavorings, total.....	.....	xxx	529,401	xxx	464,166
20951--	Flavoring extracts, emulsions, and other liquid flavors.....	.....	xxx	71,698	xxx	65,182
2095111	Natural or true:					
	In containers of 8 oz. or less.....	1,000 gallons....	1,038	15,039	1,522	16,406
2095115	In containers of more than 8 oz.....	..do.....	2,442	16,625	1,976	15,982
2095151	Imitation:					
	In containers of 8 oz. or less.....	..do.....	878	5,825	926	4,591
2095155	In containers of more than 8 oz.....	..do.....	4,259	21,847	(NA)	21,089
2095100	Flavoring extracts, emulsions, and other liquid flavors, not specified by kind.....	.....	xxx	12,302	xxx	7,114
20952--	Beverage bases (except sirups and concentrated fruit juices)....	1,000 gallons....	24,273	59,202	12,905	38,330
2095213	Containing kola extract or flavoring.....	..do.....	4,789	11,481	12,905	38,330
2095298	All other flavors.....	..do.....	19,484	47,718		
20953--	Flavoring sirups, for use by soft drink bottlers.....	..do.....	222,756	206,707	204,461	194,177
2095313	Containing kola extract or flavoring.....	..do.....	198,252	184,623	204,461	194,177
2095398	All other flavors.....	..do.....	24,504	22,084		
20954--	Other flavoring sirups and concentrates, except chocolate.....	.....	xxx	176,700	xxx	159,518
2095421	Flavoring concentrates, except beverages bases.....	1,000 pounds.....	13,250	4,580	181,853	20,240
2095431	Flavoring powders.....	..do.....	45,181	27,393	26,924	11,843
2095441	Flavoring pastes.....	..do.....	21,222	5,997	36,140	8,071
2095459	Flavoring sirups for fountain, ice cream, home beverage use, all flavors.....	1,000 gallons....	53,519	78,571	42,679	68,962
2095461	Fruit, crushed or whole for fountain and ice cream use.....	..do.....	4,546	15,008	4,590	15,981
2095471	Food colorings.....	..do.....	xxx	9,414	xxx	6,285
2095481	Concentrated fruit juice products (not frozen) <sup>2</sup> .....	1,000 gallons....	9,079	27,892	8,593	23,957
2095400	Other flavorings sirups and concentrates, except chocolate, not specified by kind.....	.....	xxx	7,845	xxx	4,179
2095000	Flavorings, not specified by kind.....	.....	xxx	15,154	xxx	6,959

xxx Not applicable.

NA Not available.

<sup>1</sup>Reported in gallons in 1954 and converted to pounds at 11.5 pounds per gallon.<sup>2</sup>Information on frozen fruit and berry juices is included in the report for Industry 2097, Frozen Fruits and Vegetables.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-20H-6

### FOOD PREPARATIONS, N.E.C., INDUSTRY

(Industry Code 2099--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Food Preparations, Not Elsewhere Classified, Industry shipped products valued at \$3,862 million, an increase of 12 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 19 percent from 1954 to 1958 to a total of 85.6 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$1,165 million in 1958, an increase of 39 percent from 1954 when the previous census was taken. Adjusted

value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished products and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE FOOD PREPARATIONS, N.E.C., INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2099)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	85.6	71.4	+19
Payroll.....	Million dollars...	201.8	201.4	+
Production workers:				
Number.....	Thousands.....	61.7	51.4	+19
Man-hours.....	Millions.....	1,477	1,247	+18
Wages.....	Million dollars...	140.7	140.4	+
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	1,118.6	800.2	+39
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	1,165.4	844.2	+39
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	750.2	666.7	+12
Value of shipments <sup>5</sup> .....	..do.....	3,861.9	3,443.4	+12
Capital expenditures, new <sup>6</sup> .....	..do.....	63.4	48.2	+32
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	213	173	+21

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

GROUP 21  
GROUP 22

The Food Preparations, N.E.C., Industry includes establishments engaged primarily in the manufacture of prepared foods and miscellaneous food specialties, n.e.c., such as baked beans (not canned); bakers', confectioners', and household supplies (including chili pepper and powder, desiccated and shredded coconut, marshmallow creme, pie and cake fillings, and powdered sugar); bouillon cubes; brown bread (canned, Boston, and other); coffee; instant chocolate and cocoa; ready-to-mix desserts; egg albumen; eggs (dehydrated, desiccated, processed, canned, liquid, and frozen); "health foods;" ice-cream cones and wafers; Italian, Spanish, Mexican, and Chinese cakes and other "native" preparations; meat pies; mincemeat; molasses (mixed or blended), peanut products (except peanut candy and salted peanuts); pectin; potato chips; ravioli, spices and meat seasonings; sweetening sirups (including honey, maple sirup, and sorghum); tea, packaged and blended; vinegar and cider. Establishments primarily engaged in manufacturing instant chocolate and cocoa from purchased chocolate are included in this industry; but they are classified in Industry 2072, Chocolate and Cocoa products, if the establishment also manufactures chocolate primarily from cocoa beans. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Food Preparations, N.E.C., Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work,

resale of products, etc. The total value of shipments and other receipts of establishments classified in the Food Preparations, N.E.C., Industry amounted to \$3,862 million. Of this total, \$3,418 million were products primary to the industry, \$215 million were products primary to other industries, and \$229 million were receipts for miscellaneous activities. The industry shipments of primary products represented 94 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 94 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$3,660 million of food preparations, n.e.c., were shipped by all producers of these products. Of this total, \$3,418 million, or 94 percent, were shipped by plants classified in Industry 2099, Food Preparations, N.E.C., while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and totals for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

Table 2.-GENERAL STATISTICS FOR POOL PREPARATION, N.E.C., INDUSTRY CODE 2811, BY STATE AND DISTRICT: 1958 AND 1957

Region and State <sup>1</sup>	1958							1957				
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>3</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>4</sup> (\$1,000)	Adjusted <sup>5</sup> (\$1,000)					
United States, total.....	8,778	1,200,000	6,000	1,000,000	1,200,000	1,200,000	1,100,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
New England.....	2,297	1,200,000	1,777	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Maine.....	5	1,200,000	5	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Massachusetts.....	1,007	1,200,000	1,007	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Rhode Island.....	1	1,200,000	1	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Connecticut.....	1,288	1,200,000	1,288	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Middle Atlantic.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
New York.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
New Jersey.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Pennsylvania.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
East North Central.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Ohio.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Indiana.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Illinois.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Michigan.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Wisconsin.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
West North Central.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Minnesota.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Iowa.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Missouri.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
South Dakota.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Nebraska.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Kansas.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
South Atlantic.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Maryland.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
District of Columbia.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Virginia.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
North Carolina.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Georgia.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Florida.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
East South Central.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Kentucky.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Tennessee.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Alabama.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
West South Central.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Arkansas.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Louisiana.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Mississippi.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Texas.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Mountain.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Idaho.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Utah.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Pacific.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Washington.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Oregon.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
California.....	1,200	1,200,000	1,200	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000

GROUP 21

GROUP 22



Table 3.--QUANTITY AND VALUE OF FOOD PREPARATIONS, N.E.C., SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 and 1954

(Includes quantity and value of these products reported not only by establishments classified in the Food Preparations, N.E.C., Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2099---	Food preparations, n.e.c., total.....	.....	xxx	3,659,644	xxx	3,214,199
20991--	Desserts (ready-to-mix; exclude ice cream mix).....	.....	xxx	138,763	xxx	123,116
2099111	Cornstarch base.....	1,000 pounds.....	159,349	55,714	126,509	36,377
2099151	Gelatin base.....	..do.....	188,553	57,854	185,733	64,821
2099198	Other.....	..do.....	62,847	25,215	68,924	21,918
2099211	Potato chips.....	..do.....	424,395	261,771	298,151	165,772
20993--	Sweetening sirups and molasses, mixed or blended.....	.....	xxx	90,227	xxx	78,157
2099311	Containing corn sirup.....	1,000 pounds.....	450,999	50,291	481,547	46,502
2099351	Not containing corn sirup.....	..do.....	251,622	39,396	234,227	31,895
20994--	Eggs, liquid, dried, and frozen.....	.....	xxx	154,697	xxx	148,035
	Eggs, dried:					
2099411	Whites.....	1,000 pounds.....	9,335	9,115	8,145	14,448
2099413	Yolks.....	..do.....	7,500	8,800	9,872	11,397
2099415	Whole.....	..do.....	9,439	10,244	4,628	4,876
2099417	Mixed.....	..do.....	497	549	3,056	3,207
	Eggs, frozen or liquid:					
2099451	Whites.....	..do.....	151,242	19,579	107,176	20,353
2099453	Yolks.....	..do.....	79,519	36,708	78,103	32,527
2099455	Whole.....	..do.....	97,761	28,852	90,537	26,565
2099457	Mixed.....	..do.....	84,764	31,862	90,095	30,884
2099400	Eggs, liquid, dried, and frozen, not specified by kind.....	.....	xxx	8,988	xxx	3,777
20995--	Roasted coffee.....	.....	xxx	1,817,973	xxx	1,866,736
2099511	Whole bean.....	1,000 pounds.....	480,267	328,738	358,349	317,302
2099515	Ground.....	..do.....	1,399,966	1,086,808	1,254,549	1,242,279
	Concentrated coffee:					
	Liquid and frozen:					
2099523	Pure coffee extract.....	1,000 gallons.....	567	4,990	367	3,114
2099525	Containing added carbohydrates.....	..do.....				
	Powdered:					
2099533	Pure coffee extract.....	1,000 pounds.....	150,055	397,437	74,990	318,859
2099535	Containing added carbohydrates.....	..do.....				
20996--	Vinegar and cider.....	.....	xxx	44,226	xxx	41,495
2099611	Cider.....	1,000 gallons.....	18,086	5,273	12,070	5,739
	Vinegar, fermented (reported equivalent to 40 grain):					
2099652	Consumer sizes (1 gallon or less).....	..do.....	22,747	12,901	43,862	15,319
2099653	Larger sizes.....	..do.....	23,423	4,550		
	Vinegar, distilled (reported equivalent to 100 grain):					
2099654	Consumer sizes.....	..do.....	7,688	6,521	64,990	13,645
2099656	Larger sizes.....	..do.....	37,361	6,472		
2099657	Vinegar stock.....	..do.....	13,677	2,366	19,202	3,025
2099600	Vinegar and cider, not specified by kind.....	.....	xxx	6,143	xxx	3,767
20997--	Other food preparations, including mincemeat.....	.....	xxx	1,071,856	xxx	741,837
2099711	Coconut, desiccated or shredded.....	1,000 pounds.....	31,224	14,550	24,596	15,011
2099725	Blended honey.....	..do.....	32,882	8,092	10,144	1,853
2099731	Ice cream cones and cups.....	1,000.....	3,750,745	28,121	2,970,696	17,964
	Ground spices and meat seasoning:					
2099735	Pepper, white and black.....	1,000 pounds.....	27,500	19,862	20,683	29,892
2099737	Other ground spices and meat seasoning.....	.....	xxx	89,577	xxx	56,561
2099741	Mincemeat.....	1,000 pounds.....	20,235	5,942	26,539	7,549
2099745	Peanut butter.....	..do.....	332,112	129,654	270,646	96,161
2099751	Pectin (100 grade, dry basis).....	..do.....	10,497	9,105	7,933	5,940
2099755	Maple sirup, pure.....	1,000 gallons.....	2,372	5,948	(NA)	2,718
	Perishable prepared foods sold in bulk or packaged (not frozen):					
2099761	Corn chips.....	1,000 pounds.....	65,195	30,712	38,978	17,562
2099763	Salads.....	xxx	16,066	xxx	7,861	xxx
2099765	Sandwiches.....	1,000 dozen.....	10,588	18,075	42,937	25,458
2099767	Julienne style potatoes (include French fried).....	1,000 pounds.....	41,353	10,516	10,021	4,226
2099768	Popcorn, except candied, and other cooked foods.....	xxx	44,499	xxx	43,258	xxx
	Frozen prepared foods (except seafood) <sup>2</sup> :					
2099772	Frozen fruit pies.....	1,000 pounds.....	137,831	33,295	569,539	120,317
2099773	Other frozen baked goods (waffles, cookies, cakes, etc.).....	..do.....	449,150	99,462		
2099776	Frozen meat and poultry pies.....	..do.....	202,750	64,419		
2099779	Other frozen specialties except seafood (include dinners, Chinese foods, etc.).....	..do.....	264,328	116,976	103,773	105,912
2099781	Tes, packaged.....	..do.....	97,994	135,137		
2099793	Other food preparations, n.e.c.....	xxx	109,289	xxx		
2099700	Other food preparations, not specified by kind.....	xxx	80,839	xxx	xxx	183,634
2099000	Miscellaneous foods, not specified by kind.....	.....	xxx	80,151	xxx	29,052

NA Not available.

xxx Not applicable.

<sup>2</sup>Frozen prepared foods, except seafood (codes 2099772, 2099773, 2099776, 2099779) are not completely comparable with the 1954 figures, as some of these products and parts of these products were included in 1954 in product codes 2099793, 2099700 and product codes in other industries.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-20H-7

### MANUFACTURED ICE INDUSTRY

(Industry Code 2097--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Manufactured Ice Industry shipped products valued at \$156 million, a decrease of 8 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 28 percent from 1954 to 1958 to a total of 15,0 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$110 million in 1958, a decrease of 11 percent from 1954 when the previous census was taken. Adjusted value added is

derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE MANUFACTURED ICE INDUSTRY IN THE UNITED STATES: 1958 and 1954

(Standard Industrial Classification Code 2097)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	15.0	20.8	-28
Payroll.....	Million dollars...	53.7	61.8	-13
Production workers:				
Number.....	Thousands.....	9.2	12.8	-28
Man-hours.....	Millions.....	19.9	27.9	-29
Wages.....	Million dollars...	31.5	35.6	-11
Value added by manufacture, unadjusted <sup>2</sup> .....	...do.....	105.5	115.5	-9
Value added by manufacture, adjusted <sup>3</sup> .....	...do.....	110.0	123.8	-11
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	...do.....	46.0	46.6	-1
Value of shipments <sup>5</sup> .....	...do.....	156.3	170.6	-8
Capital expenditures, new.....	...do.....	7.7	7.7	0.0
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	173	252	-31

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

GROUP 21

GROUP 22

The Manufactured Ice Industry includes establishments engaged primarily in the manufacture of ice for sale. Establishments primarily engaged in manufacturing dry ice are classified in Industry 2896, Compressed and Liquefied Gases. The harvesting and storage of natural ice for sale are classified in trade industries. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Manufactured Ice Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and

miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Manufactured Ice Industry amounted to \$156 million. Of this total, \$121 million were products primary to the industry and \$35 million were receipts for miscellaneous activities. The industry shipments of primary products represented 100 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 100 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$122 million of manufactured ice were shipped by all producers of these products. Of this total, \$121 million, or 99 percent, were shipped by plants classified in Industry 2097, Manufactured Ice, while the remainder was shipped by plants classified in other industries.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

# 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE MANUFACTURED ICE INDUSTRY (S.I.C. CODE 2000) BY REGION AND SELECTED STATES

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>3</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>4</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>2</sup> (\$1,000)					
United States, total.....	15,005	53,676	9,211	19,931	31,517	105,518	110,033	156,267	7,746	173	1,854	11,449
New England.....	302	1,132	193	452	727	2,370	2,619	3,996	98	1	405	2,349
Middle Atlantic.....	1,518	5,796	1,139	2,425	4,303	13,383	13,446	18,949	406	19	1,785	13,141
New York.....	912	3,540	660	1,454	2,565	7,922	7,766	10,970	191	11	968	7,487
New Jersey.....	229	891	171	342	637	2,282	2,491	3,679	71	2	295	2,011
Pennsylvania.....	377	1,365	308	629	1,101	3,179	3,189	4,300	144	2	521	3,652
East North Central.....	1,661	7,428	1,039	2,364	4,454	12,144	12,663	17,793	934	20	2,673	16,818
Ohio.....	363	1,518	204	475	831	2,863	2,972	4,257	215	5	616	4,231
Indiana.....	261	994	144	336	517	1,112	1,170	2,100	138	1	405	1,825
Illinois.....	728	3,295	505	1,115	2,264	5,724	5,887	7,172	521	9	1,144	8,031
Michigan.....	229	1,201	133	302	580	1,893	2,043	3,067	27	5	414	1,983
West North Central.....	1,263	4,753	833	1,841	2,859	9,368	9,490	12,155	224	15	1,422	8,856
Missouri.....	609	2,261	379	885	1,249	4,928	4,877	6,190	122	7	641	4,321
Kansas.....	321	1,000	245	502	755	2,055	2,076	2,566	44	4	396	1,927
South Atlantic.....	3,687	10,920	2,101	4,549	5,990	22,145	23,722	38,104	1,425	39	5,188	22,641
North Carolina.....	412	1,013	234	475	584	1,361	1,698	3,286	127	3	715	2,426
Georgia.....	935	2,557	421	883	968	4,266	5,150	9,568	430	10	1,391	5,122
Florida.....	1,064	3,358	656	1,469	2,025	7,309	7,447	10,459	357	12	1,370	7,353
East South Central.....	1,341	3,698	849	1,605	2,216	6,566	7,163	10,920	616	11	2,234	8,470
Kentucky.....	227	698	142	286	389	1,240	1,294	1,891	111	1	247	1,115
Tennessee.....	396	1,162	223	448	614	1,745	2,045	3,341	257	5	714	2,630
Alabama.....	404	998	267	466	655	2,055	2,182	3,360	156	2	778	2,816
Mississippi.....	314	840	217	405	558	1,526	1,642	2,328	92	3	493	1,908
West South Central.....	2,970	9,407	1,688	3,869	4,996	17,672	17,922	24,941	826	34	4,257	21,235
Arkansas.....	379	1,059	178	395	475	1,980	1,973	2,942	172	3	486	2,233
Louisiana.....	533	1,748	365	849	1,088	2,979	2,938	4,500	159	5	1,022	4,701
Mountain.....	771	3,013	504	1,051	1,943	6,633	7,012	8,502	462	12	806	5,312
Arizona.....	305	1,208	161	349	716	2,999	3,308	4,042	349	6	302	2,372
Pacific.....	1,492	7,529	865	1,775	4,029	15,237	15,996	20,907	2,755	26	2,080	15,774
California.....	1,363	6,862	781	1,610	3,635	14,059	14,770	19,366	2,732	23	1,842	14,203

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF MANUFACTURED ICE SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Manufactured Ice Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 tons)	Value (\$1,000)	Quantity (1,000 tons)	Value (\$1,000)
2097--	Manufactured ice.....	xxx	122,281	xxx	132,979
2097011	Can or block ice.....	10,266	73,263	14,911	90,506
2097051	Cubed, crushed or other processed ice.....	1,236	17,261	1,453	18,412
2097000	Manufactured ice, not specified by kind.....	xxx	31,797	xxx	24,061

xxx Not applicable.

**1958 CENSUS OF MANUFACTURES  
PUBLICATION PROGRAM**

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

**Final Industry Reports**

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

**Final Area Reports**

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

**Final Subject Reports**

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

**VOLUME I—SUMMARY STATISTICS**

**VOLUME II—INDUSTRY STATISTICS**

**VOLUME III—AREA STATISTICS**

**Bureau of the Census  
WASHINGTON 25, D. C.**



GROUP 21

GROUP 22



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC (P) -21A-1

### CIGARETTES INDUSTRY

(Industry Code 2111—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Cigarettes Industry made products valued at \$2,160 million, an increase of 32 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 13 percent from 1954 to 1958 to a total of 33.8 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$1,059 million in 1958, an increase of 56 percent from 1954 when the previous census was taken. Adjusted value added

is derived by subtracting the cost of materials, fuels, etc., from value of production and adding the net change in work-in-process inventory. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

GROUP 22

Table 1.—GENERAL STATISTICS FOR THE CIGARETTES INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2111)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	33.8	30.0	+13
Payroll.....	Million dollars...	142.4	103.8	+37
Production workers:				
Number.....	Thousands.....	31.0	27.7	+12
Man-hours.....	Millions.....	60.6	53.6	+13
Wages.....	Million dollars...	125.8	91.1	+38
Value added by manufacture, unadjusted <sup>2</sup> .....	...do.....	1057.6	677.3	+56
Value added by manufacture, adjusted <sup>3</sup> .....	...do.....	1058.6	676.6	+56
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	...do.....	1102.2	964.8	+14
Value of production <sup>5</sup> .....	...do.....	2160.0	1642.2	+32
Capital expenditures, new.....	...do.....	20.5	20.4	-
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	16	18	-11

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products made and miscellaneous receipts less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Cigarettes Industry includes establishments engaged primarily in the manufacture of cigarettes. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Cigarettes Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Cigarettes Industry amounted to \$2,160 million. Of this total, \$2,135 million were products primary to the industry, \$25 million were products primary to other industries, and less than \$1 million were receipts for miscellaneous activities. The industry production of primary products represented 99 percent of the total manufactured production (primary and secondary). The 1954 ratio was also 99 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$2,137 million of cigarettes were made by all producers. Plants classified in Industry 2111, Cigarettes, accounted for virtually all of these products.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR THE CIGARETTES INDUSTRY (S.I.C. CODE 2111), BY REGION AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup>	Adjusted <sup>3</sup>					
United States, total.....	33,832	142,413	31,037	60,567	125,765	1,057,617	1,058,554	2,159,987	20,490	16	29,987	677,252
South Atlantic.....	26,422	110,605	24,249	46,945	97,280	840,064	840,799	1,726,191	17,253	10	22,441	514,720
Virginia.....	8,721	36,768	8,022	15,186	32,410	236,488	236,634	491,469	4,936	5	8,273	177,449
North Carolina.....	17,701	73,837	16,227	31,759	64,870	603,576	604,165	1,234,722	12,317	5	14,168	337,271

<sup>1</sup>Employing State not shown separately in the above table was withheld either a) to avoid disclosing figures for individual companies, in this or other industries or areas, or b) because the industry was of relatively minor economic importance in the State. Additional publication data will appear in the final Census report on this industry.

<sup>2</sup>Value of products made and miscellaneous receipts less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF CIGARETTES PRODUCED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Cigarettes Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production")

Product code	Product	Total production			
		1958		1954	
		Quantity (millions)	Value excluding excise tax (\$1,000)	Quantity (millions)	Value excluding excise tax (\$1,000)
2111--	Cigarettes, total.....	468,924	2,137,032	402,487	1,623,895
	Filter tips:				
2111015	70 millimeters long.....	6,850	32,675	402,487	1,623,895
2111017	80 millimeters long.....	54,546	259,801		
2111019	85 millimeters long.....	151,641	724,846		
	Nonfilter tip:				
2111051	70 millimeters long.....	167,398	710,496	402,487	1,623,895
2111053	80 millimeters long.....	10,000	45,994		
2111055	85 millimeters long.....	78,489	363,220		

USCOMM-DC

GROUP 22

**DEPARTMENT OF COMMERCE**

**BUREAU OF THE CENSUS**

**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE**

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-21A-2

### CIGAR INDUSTRY

(Industry Code 2121—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Cigar Industry shipped products valued at \$361 million, an increase of 5 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 24 percent from 1954 to 1958 to a total of 29.4 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$183 million in 1958, an increase of 12 percent from 1954 when the previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

The Cigar Industry includes establishments engaged primarily in the manufacture of cigars retail stores producing cigars are classified in trade industries. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes exten-

sive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

In the 1958 and 1954 Censuses, production rather than shipments data were secured from tobacco manufacturers, because some large manufacturers stated that they could not provide accurate information on the value of shipments from their factories.

GROUP 22



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

In reporting to the Census of Manufactures, respondents were instructed to report the gross value of each product, f.o.b. plants, exclusive of excise tax. The costs reported for materials consumed also exclude any excise taxes paid on these materials. This corresponds to the reporting methods followed in the 1954 Census.

All tobacco products manufactured for sale in this country are subject to a manufacturers' excise tax, except stemmed and/or redried leaf tobacco products which, although classified as "manufactured" tobacco products in the Census, are not defined as "manufactured" tobacco products for taxation purposes.

The number of establishments reporting to Bureau of the Census for the tobacco group falls below the corresponding number shown in the reports of the Commissioner of Internal Revenue. The difference is due to the following causes: (1) Under the licensing system of the Bureau of Internal Revenue, the same establishment may apply for and report under more than one license—whereas in the Census of Manufactures such an establishment would make only one report; and (2) A considerable number of establishments licensed to manufacture cigars and smoking tobacco sold all such manufactured products at retail and, therefore, were not covered by the Census of Manufactures.

As a result, the quantities of cigars, as shown in this report, vary slightly from the corresponding quantities published by the Bureau of Internal Revenue. Although all of these products produced by manufacturing establishments are included in the Census statistics, the small amounts produced at retail or wholesale establishments are excluded. Another circumstance that causes variance from the quantities published by the Bureau of Internal Revenue is the reporting to the Census by some establishments on a fiscal rather than a calendar year basis.

The value of production reported by establishments classified in the Cigar Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Cigar Industry amounted to \$361 million. Of this total, \$350 million were products primary to the industry, \$6 million were products primary to other industries, and \$5 million were receipts for miscellaneous activities. The value of primary products represented 98 percent of the total value of manufactured products (primary and secondary). The 1954 ratio was 99 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$352 million of Cigars were made by all producers of these products. Of this total, \$350 million, worth or almost 100 percent, was made by plants classified in Industry 2121, Cigars, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 CENSUS OF MANUFACTURES

Table 1.—GENERAL STATISTICS FOR THE CIGAR INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2121)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	29.4	33.5	-24
Payroll.....	Million dollars...	81.8	89.3	-8
Production workers:				
Number.....	Thousands.....	27.0	36.0	-25
Man-hours.....	Millions.....	49.8	65.7	-24
Wages.....	Million dollars...	70.0	78.5	-11
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	181.6	165.3	+10
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	183.1	163.0	+12
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	172.7	176.8	-2
Value of production <sup>5</sup> .....	do.....	360.9	342.3	+5
Capital expenditures, new.....	do.....	5.8	2.9	+99
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	114	129	-12

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 2.—GENERAL STATISTICS FOR THE CIGAR INDUSTRY (S. I. C. CODE 2121) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	29,353	81,785	27,056	49,844	70,000	181,568	183,071	360,858	5,763	114	38,494	164,312
New England.....	596	1,602	519	857	1,160	3,378	3,353	6,462	43	4	842	3,825
Connecticut.....	142	473	125	237	340	1,027	1,047	1,922	7	2	241	928
Middle Atlantic.....	14,182	40,049	13,070	24,489	35,195	94,578	95,608	184,647	2,840	59	19,059	89,265
Pennsylvania.....	12,163	34,111	11,210	21,036	29,912	80,888	81,281	160,122	2,649	49	15,359	72,831
North Central.....	2,327	7,072	2,035	3,467	5,063	15,575	15,651	27,193	278	11	2,762	13,922
South and West.....	12,248	33,062	11,432	21,031	28,582	68,037	68,459	142,556	2,648	40	15,488	56,946

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF CIGARS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Cigar Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production.")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (million)	Value excluding excise taxes (\$1,000)	Quantity (million)	Value excluding excise taxes (\$1,000)
2121---	Cigars.....	xxx	351,614	xxx	333,273
2121013	Cigars weighing less than 3 pounds per 1,000.....	103	4,760	5,059	333,273
2121021	Cigarillos or similar sized cigars (3 to 10 pounds per 1,000 cigars).....	782	26,414		
2121031	Other cigars (more than 10 pounds per 1,000 cigars, finished weight).....	5,293	314,768		
2121000	Cigars, not specified by kind.....	xxx	7,672		

xxx Not applicable

USCOMM--DC

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-21A-3

### CHEWING AND SMOKING TOBACCO INDUSTRY

(Industry Code 2131--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Chewing and Smoking Tobacco Industry shipped products valued at \$174 million, an increase of 6 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 17 percent from 1954 to 1958 to a total of 6.2 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$85 million in 1958, an increase of 5 percent from 1954 when the previous census was taken. Adjusted value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

The Chewing and Smoking Tobacco Industry includes establishments engaged primarily in the manufacture of chewing and smoking tobacco and snuff. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry

statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

In the 1958 and 1954 Censuses, production rather than shipments data were secured from tobacco manufacturers, because some large manufacturers stated that they could not provide accurate information on the value of shipments from their factories.

GROUP 22



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

In reporting to the Census of Manufactures, respondents were instructed to report the gross value of each product, f.o.b. plant, exclusive of excise tax. The costs reported for materials consumed also exclude any excise taxes paid on these materials. This corresponds to the reporting methods followed in the 1954 Census.

All tobacco products manufactured for sale in this country are subject to a manufacturers' excise tax, except stemmed and/or redried leaf tobacco products which, although classified as "manufactured" tobacco products in the Census, are not defined as "manufactured" tobacco products for taxation purposes.

The number of establishments reporting to Bureau of the Census for the tobacco group falls below the corresponding number shown in the reports of the Commissioner of Internal Revenue. The difference is due to the following causes: (1) Under the licensing system of the Bureau of Internal Revenue, the same establishment may apply for and report under more than one license--whereas in the Census of Manufactures such an establishment generally would make only one report. (2) A considerable number of establishments licensed to manufacture cigars and smoking tobacco sold all such manufactured products at retail and, therefore, were not covered by the Census of Manufactures.

As a result of the quantities of chewing and smoking tobacco and snuff, as shown in this report, vary slightly from the corresponding quantities published by the Bureau of Internal Revenue. Although all of these products produced by manufacturing establishments are included in the Census statistics, the small amounts produced at retail or wholesale establishments are excluded. Another circumstance that causes variance from the quantities published by the Bureau of Internal Revenue is the reporting to the Census by some establishments on a fiscal rather than a calendar year basis.

The value of production reported by establishments classified in Chewing and Smoking Tobacco Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of products made and other receipts of establishments classified in the Chewing and Smoking Tobacco Industry amounted to \$174 million. Of this total, \$167 million were products primary to the industry, \$5 million were products primary to other industries, and \$2 million were receipts for miscellaneous activities. The industry value of primary products made represented 97 percent of the total value of manufactured products (primary and secondary). The 1954 ratio was 96 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$190 million of chewing and smoking tobacco were made by all producers of these products. Of this total, \$167 million, or 88 percent, were shipped by plants classified in Industry 2131, Chewing and Smoking Tobacco, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



Table 1.--GENERAL STATISTICS FOR THE CHEWING AND SMOKING TOBACCO INDUSTRY IN THE UNITED STATES: 1958 and 1954  
(Standard Industrial Classification Code 2131)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	6.2	7.5	-17
Payroll.....	Million dollars...	23.3	23.3	...
Production workers:				
Number.....	Thousands.....	5.2	6.4	-19
Man-hours.....	Millions.....	9.7	11.7	-17
Wages.....	Million dollars...	17.2	17.2	...
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	84.8	80.0	+6
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	84.9	80.6	+5
Cost of materials, fuel, electricity, and contract work.....	do.....	89.0	84.0	+6
Value of production <sup>4</sup> .....	do.....	173.9	164.2	+6
Capital expenditures, new.....	do.....	1.1	1.0	+10
Number of establishments with 20 or more employees <sup>5</sup> .....	Number.....	26	28	-7

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production." Includes value of results for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 2.--GENERAL STATISTICS FOR THE CHEWING AND SMOKING TOBACCO INDUSTRY (S.I.C. CODE 2131) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958									1954		
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	6,222	23,321	5,217	9,737	17,240	84,829	84,963	173,866	1,067	26	7,535	80,097
Northeast.....	416	1,611	317	587	1,095	6,552	6,597	10,647	140	3	490	5,759
South and West.....	4,516	16,383	3,845	7,205	12,225	55,828	55,849	124,601	826	19	5,443	53,455

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--QUANTITY AND VALUE OF CHEWING AND SMOKING TOBACCO SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Chewing and Smoking Tobacco Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 lbs.)	Value excluding excise taxes (\$1,000)	Quantity (1,000 lbs.)	Value excluding excise taxes (\$1,000)
2131--	Chewing and smoking tobacco and snuff.....	xxx	189,871	xxx	173,741
2131011	Smoking.....	80,004	83,789	84,378	69,037
2131012	Fine-cut chewing and smoking.....	3,727	4,441	2,951	3,471
2131013	Scrap chewing.....	32,684	24,276	36,623	24,822
2131015	Twist chewing.....	3,746	5,241	4,853	5,500
2131017	Plug chewing.....	30,198	23,162	37,594	24,937
2131051	Snuff.....	34,679	43,224	38,728	41,523
2131055	Snuff flour, not packed for sale to consumers.....	xxx	xxx	13,547	4,451
2131000	Chewing and smoking tobacco and snuff, not specified by kind.....	xxx	4,738	xxx	xxx

xxx Not applicable.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-21A-4

### TOBACCO STEMMING AND REDRYING INDUSTRY

(Industry Code 2141—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Tobacco Stemming and Redrying Industry shipped products valued at \$1,179 million, a decrease of 4 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 20 percent from 1954 to 1958 to a total of 15.1 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$88 million in 1958, an increase of 11 percent from 1954 when the previous census was taken. Adjusted

value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process-inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

GROUP 22

Table 1.—GENERAL STATISTICS FOR THE TOBACCO STEMMING AND REDRYING INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2141)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	11.1	13.7	-20
Payroll.....	Million dollars...	47.0	43.3	+9
Production workers:				
Number.....	Thousands.....	13.0	16.4	-20
Man-hours.....	Millions.....	26.8	31.4	-16
Wages.....	Million dollars...	34.7	33.6	+3
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	90.6	89.4	+3
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	88.2	79.4	+11
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	1,086.7	1,184.8	-6
Value of shipments <sup>5</sup> .....	do.....	1,179.0	1,222.0	-4
Capital expenditures, new.....	do.....	10.5	3.1	+190
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	124	116	+7

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U. S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Tobacco Stemming and Redrying Industry includes establishments engaged primarily in the manufacture of stemmed and redried tobacco. Establishments primarily engaged in producing scrap filler for cigars are also in this industry. Establishments which primarily buy and sell leaf tobacco as merchant wholesalers, agents or brokers, are not included in this industry, although they may also be engaged in stemming and/or redrying tobacco; such establishments are classified in Wholesale Trade. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Tobacco Stemming and Redrying Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Tobacco Stemming and Redrying Industry amounted to \$1,179 million. Of this total, \$1,005 million were products primary to the industry, \$29 million were products primary

to other industries, and \$145 million were receipts for miscellaneous activities. The industry shipments of primary products represented 97 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 100 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,011 million of stemmed and redried tobacco were shipped by all producers of these products. Of this total, \$1,005 million, or 99 percent, were shipped by plants classified in Industry 2141, Tobacco Stemming and Redrying, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



(Includes quantity and value of these products reported not only by establishments classified in the Tobacco Stemming and Redrying Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

NA Not available.  
xxx Not applicable.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.

GROUP 22





# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1958

MC (P)-22A-1

### SCOURING AND COMBING PLANTS

(Industry Code 2211--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, adjusted value added by manufacturers in Scouring and Combing Plants amounted to \$37 million, an increase of 10 percent from 1954 according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available

for comparing the relative economic importance of manufacturing industries or geographic areas.

During 1958, manufacturers in the industry shipped products valued at \$39 million, a decrease of 11 percent from 1954, when the previous Census was taken. Average employment in this industry showed a decrease of 14 percent from 1954 to 1958 to a total of 6.1 thousand employees in 1958. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR SCOURING AND COMBING PLANTS IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2211)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	6.1	7.0	-14
Payroll.....	Million dollars...	22.6	25.0	-7
Production workers:				
Number.....	Thousands.....	5.4	6.4	-14
Man-hours.....	Millions.....	11.2	12.5	-11
Wages.....	Million dollars...	17.9	20.0	-11
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	39.5	43.2	-10
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	36.9	40.2	-9
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	49.7	54.2	-9
Value of shipments <sup>5</sup> .....	..do.....	89.4	100.0	-11
Capital expenditures, new.....	..do.....	1.3	2.4	-47
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	65	70	-6

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

Scouring and Combing Plants include manufacturing establishments engaged primarily in processing textile fibers to prepare them for spinning. Important processes included in this industry are wool scouring and carbonizing, and producing top from wool, rayon, or other synthetic fibers on worsted combs or tow to top converters. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufacturers is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Scouring and Combing Plants consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified as Scouring and Combing Plants amounted to \$89 million. Of this total, \$81 million were products primary to the industry, including commission receipts for fiber processing, \$5 million were products primary to other industries, and \$3 million were receipts for miscellaneous activities. The industry shipments of primary products

represented 93 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 86 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$120 million of scoured wool, tops and related products were shipped by all producers of these products. Of this total, \$81 million, or 68 percent, were shipped by plants classified in Industry 2211, Scouring and Combing Plants, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

Table 1. GENERAL STATISTICS CONCERNING MANUFACTURING PLANTS (S.I.C. CODE 20-30) BY REGION AND STATE

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>2</sup> (\$1,000)					
United States, total.....	1,000	22,639	1,380	1,187	1,391	29,423	30,904	1,000	1,000	1,000	1,000	1,000
New England.....	1,000	13,611	3,288	5,800	11,111	24,652	22,799	1,000	1,000	1,000	1,000	1,000
Massachusetts.....	2,440	9,249	2,270	4,902	7,611	11,469	17,895	1,000	1,000	1,000	1,000	1,000
Middle Atlantic.....	1,214	5,361	1,027	2,100	3,803	8,265	8,008	1,000	1,000	1,000	1,000	1,000
Pennsylvania.....	1,121	4,997	950	1,929	3,330	7,793	7,331	1,000	1,000	1,000	1,000	1,000
North Central, South, and West.....	1,173	3,623	1,065	2,281	2,916	6,616	6,097	1,000	1,000	1,000	1,000	1,000

<sup>1</sup>Each producing State not shown separately in the above table was withheld, either (a) to avoid disclosing figures for individual companies, or (b) for unincorporated industries or areas, or (c) because the industry was of relatively minor economic importance in the State. Information published here will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF SCOURING AND COMBING MILL PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified as Scouring and Combing Plants but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	1958						1954		
		Total production	Total shipments including inter-plant transfers		Transfers to other plants of the same company		Produced and consumed in same establishment	Total production	Total shipments including inter-plant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)			Quantity (1,000 pounds)	Value (\$1,000)
2211---	Scouring and combing mill products, total.....	...	...	119,674	...	31,370	29,986	xxx	xxx	<sup>1</sup> 118,169
2211017	Scoured wool for sale.....	xxx	22,297	27,481	11,401	14,538	xxx	xxx	11,024	11,588
2211041	Top combed on worsted combs: Wool of the sheep:									
	Total as reported in the Census.....	99,829	25,735	40,381	7,707	12,490	19,348	<sup>2</sup> 126,190	<sup>2</sup> 32,474	<sup>2</sup> 64,872
	Total reported on Census Monthly Form M22D.....	98,660	...	...	...	...	...	<sup>3</sup> 126,190	xxx	xxx
	60's and finer.....	62,294	...	...	...	...	...	87,663	xxx	xxx
	50's and finer.....	30,581	...	...	...	...	...	27,885	xxx	xxx
	48's and coarser.....	5,785	...	...	...	...	...	10,642	xxx	xxx
2211045	Other top:									
	Total as reported in the Census.....	19,903	6,118	7,883	1,561	2,645	2,943	<sup>2</sup> 16,798	<sup>2</sup> 586	<sup>2</sup> 687
	Total as reported on Census Monthly Form M22D.....	19,698	...	...	...	...	...	<sup>3</sup> 16,798	xxx	xxx
	Mohair.....	5,566	...	...	...	...	...	4,487	xxx	xxx
	Man-made fibers:									
	Rayon and acetate.....	6,057	...	...	...	...	...	3,506	xxx	xxx
	Other man-made fibers.....	2,727	...	...	...	...	...	4,576	xxx	xxx
	Other fibers.....	5,348	...	...	...	...	...	4,229	xxx	xxx
2211061	Noils:									
	Wool of the sheep:									
	Total as reported in the Census.....	11,445	4,073	2,828	...	...	...	<sup>2</sup> 15,630	<sup>2</sup> 7,070	<sup>2</sup> 6,728
	Total as reported on Census Monthly Form M22D.....	12,101	...	...	...	...	...	15,630	xxx	xxx
	60's and finer.....	7,995	...	...	...	...	...	11,034	xxx	xxx
	50's up to 60's.....	3,588	...	...	...	...	...	3,507	xxx	xxx
	48's and coarser.....	518	...	...	...	...	...	1,089	xxx	xxx
2211065	Other noils:									
	Total as reported in the Census.....	1,643	767	280	...	...	...	<sup>2</sup> 2,190	<sup>2</sup> 445	<sup>2</sup> 353
	Total as reported on Census Monthly Form M22D.....	1,869	...	...	...	...	...	<sup>3</sup> 2,190	xxx	xxx
	Mohair.....	581	...	...	...	...	...	554	xxx	xxx
	Man-made fibers:									
	Rayon and acetate.....	346	...	...	...	...	...	297	xxx	xxx
	Other man-made fibers.....	142	...	...	...	...	...	223	xxx	xxx
	Other fibers.....	800	...	...	...	...	...	596	xxx	xxx
2211071	Man-made top converted from tow without combing:									
	Total as reported in the Census.....	xxx	xxx	2,455	xxx	xxx	...	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Total as reported on Census Monthly Form M22D.....	27,843	...	...	...	...	...	(NA)	(NA)	(NA)
	Rayon and acetate.....	1,281	...	...	...	...	...			
	Acrylics.....	21,381	...	...	...	...	...			
	Other.....	5,181	...	...	...	...	...			
2211075	Nubs and slubs.....	xxx	xxx	1,763	xxx	xxx	xxx	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
2211081	Recovered wool grease.....	4,460	4,531	459	...	...	...	<sup>2</sup> 5,354	<sup>2</sup> 5,376	<sup>2</sup> 608
2211098	All other scouring and combing mill products.....	xxx	xxx	4,415	xxx	xxx	...	xxx	xxx	6,200
2211000	Products of scouring and combing plants not specified by kind.....	...	...	2,966	...	...	...	...	...	...
2211111	Receipts for commission scouring, combing, and related processing of wool.....	xxx	xxx	28,763	xxx	xxx	xxx	xxx	xxx	<sup>5</sup> 27,133

NA Not available.

xxx Not applicable.

<sup>1</sup>This figure has been increased by \$27,133 (thousands) in order to include receipts for commission scouring, combing and related processing.<sup>2</sup>These figures have been partially estimated from other inquiries on the 1954 report form and monthly and quarterly Census Commodity reports.<sup>3</sup>Production of tops and noils have been adjusted to the 1954 Census of Manufactures totals.<sup>4</sup>Data not collected separately and included with "all other scouring and combing mill products."<sup>5</sup>For 1954, receipts for commission scouring, combing and related processing of wool are limited to such receipts for establishments classified in Industries 2211 and 2212.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1959

MC(P)-22A-2

### YARN MILLS, WOOL, EXCEPT CARPET INDUSTRY

(Census Industry Code 2212)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Yarn Mills, Wool, Except Carpet Industry shipped products valued at \$256 million, an increase of 1 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 13 percent from 1954 to 1958 to a total of 15.5 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$86 million in 1958, an increase of 18 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE YARN MILLS, WOOL, EXCEPT CARPET, INDUSTRY IN THE UNITED STATES: 1954 and 1958

(Census Code 2212)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	15.5	17.8	-13
Payroll.....	Million dollars..	10.1	9.7	4
Production workers:				
Number.....	Thousands.....	15.5	17.8	-13
Man-hours.....	Millions.....	10.1	9.7	4
Wages.....	Million dollars..	10.1	9.7	4
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	87.6	74.3	+18
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	86.0	74.3	+16
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	108.7	104.2	+4
Value of shipments <sup>5</sup> .....	..do.....	256.4	254.2	+1
Capital expenditures, new.....	..do.....	4.3	4.3	0
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	11	134	-10

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Yarn Mills, Wool, Except Carpet Industry includes establishments engaged primarily in spinning yarn, except carpet, on the woolen and worsted systems. Establishments primarily engaged in the manufacture of woolen carpet yarns are classified in Industry 2271, "Wool Carpets and Rugs." This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. However, Census Industry 2212 represents a part of the Standard Industrial Classification Industry 2221. Data for the remainder of SIC Industry 2221 are published as Census Industry 2224, "Yarn Mills, Cotton System." The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Yarn Mills, Wool, Except Carpet Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Yarn Mills, Wool, Except Carpet Industry amounted to \$256 million. Of this total, \$216 million were products primary to the industry, \$27 million were products primary to other industries, and \$13 million were

receipts for miscellaneous activities. The industry shipments of primary products represented 89 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 93 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$239 million of yarns spun on the woolen and worsted system, except carpet yarns, were shipped by all producers of these products. Of this total, \$216 million, or 90 percent, were shipped by plants classified in Industry 2212, Yarn Mills, Wool, Except Carpet, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

ANNUAL REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE

Bonds payable	At January 1, 1900		During the year			At December 31, 1900		Total	Interest	Principal	Total	Interest	Principal
	Number	Amount	Number	Amount	Per cent	Number	Amount						
United States bonds	100	100.00	100	100.00	4.00	100	100.00	100	4.00	100.00	100	4.00	100.00
State bonds	100	100.00	100	100.00	4.00	100	100.00	100	4.00	100.00	100	4.00	100.00
County bonds	100	100.00	100	100.00	4.00	100	100.00	100	4.00	100.00	100	4.00	100.00
City bonds	100	100.00	100	100.00	4.00	100	100.00	100	4.00	100.00	100	4.00	100.00
Other bonds	100	100.00	100	100.00	4.00	100	100.00	100	4.00	100.00	100	4.00	100.00
Total	500	500.00	500	500.00	4.00	500	500.00	500	16.00	500.00	500	16.00	500.00

Of which amount, included in the above statement, is as follows:

For the year ending December 31, 1900, the following bonds were sold, to-wit:

United States bonds, \$100.00; State bonds, \$100.00; County bonds, \$100.00; City bonds, \$100.00; Other bonds, \$100.00.

The following bonds were redeemed during the year, to-wit:

United States bonds, \$100.00; State bonds, \$100.00; County bonds, \$100.00; City bonds, \$100.00; Other bonds, \$100.00.

Date	Particulars	1900		1901		1902		1903		1904		1905	
		Debit	Credit	Debit	Credit	Debit	Credit	Debit	Credit	Debit	Credit	Debit	Credit
	Balance forward												
	Jan 1												
	Feb 1												
	Mar 1												
	Apr 1												
	May 1												
	Jun 1												
	Jul 1												
	Aug 1												
	Sep 1												
	Oct 1												
	Nov 1												
	Dec 1												
	Total												

Of which amount, included in the above statement, is as follows:

For the year ending December 31, 1900, the following bonds were sold, to-wit:

United States bonds, \$100.00; State bonds, \$100.00; County bonds, \$100.00; City bonds, \$100.00; Other bonds, \$100.00.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

July 1960

MC(P)-22A-3

### WOOLEN AND WORSTED FABRICS AND FINISHING WOOL TEXTILES INDUSTRIES

(Census Industry Codes 2213 and 2216)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Woolen and Worsted Fabrics Industry shipped products valued at \$780 million, and manufacturers in the Finishing Wool Textiles Industry had shipments of \$144 million according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in the Woolen and Worsted Fabrics Industry decreased 20 percent from 1954 to a total of 50,0 thousand employees, while employment in the Finishing Wool Textiles Industry increased 14 percent to a total of 4.9 thousand in 1958. Adjusted value added by manufacture in the Woolen and Worsted Fabrics Industry amounted to \$296 million in 1958, a decrease of 4 percent from 1954, while the adjusted value added for the Finishing Wool Textiles Industry amounted to \$34 million, an increase of 41 percent from 1954. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustment have been made in the money figures shown in this report for changes in price level from 1954 to 1958.

The Woolen and Worsted Fabrics Industry (Census Code 2213) includes establishments primarily engaged in weaving fabrics over 2 inches in width that are wholly or chiefly made of wool, reprocessed or reused wool, or other animal fibers. Establishments weaving and finishing wool fabrics are also included in this industry.

The Finishing Wool Textiles Industry (Census Code 2216) includes establishments primarily engaged in dyeing and finishing woven woolen or worsted fabrics or in dyeing raw wool, tops, or yarn. Establishments that weave fabrics and also dye and finish such fabrics are classified in the Woolen and Worsted Fabrics Industry.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. However, in order to publish data for the Woolen and Worsted manufactures sub-group, the industry numbers have been changed. The definition and content of Census Industry 2213 is identical to SIC Industry 2232 while Census Industry 2216 and SIC Industry 2262 are identical. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 100,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Wollen and Worsted Fabrics Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Wollen and Worsted Fabrics Industry amounted to \$780 million. This includes products primary to the industry, products primary to other industries, and receipts for miscellaneous activities.

The total value of shipments and other receipts of establishments classified in the Finishing Wool Textiles Industry amounted to \$144 million. This includes products primary to the industry, products primary to other industries, and receipts for miscellaneous activities. The basis for reporting of value of shipments and the related cost of materials for the Finishing Wool Textiles Industry differed in the 1958 Census from that used in prior years. Prior to 1958, plants finishing their own materials (fabric, yarn, etc.) were requested to delete the value of the unfinished product from both their cost of materials and their value of shipments. This, in effect, resulted in all establishments in the industry reporting on a comparable basis (i.e. as commission plants). However, beginning in 1958 plants finishing their own materials included the value of the gray fabrics of other unfinished material in their cost of materials and reported the actual value of the finished product in the value of shipments. Therefore, the 1958 data for Value of Shipments and Cost of Materials are not comparable with information for prior years. Value added by manufacture is not affected by this change.

#### PRODUCT STATISTICS

The total value of shipments for the industry, which is the total value or receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$862 million of woolen and worsted gray and finished fabrics, (including commission receipts for finishing fabrics, yarn, etc.) were shipped by all producers of these products.

The 1954 product information is not comparable with the 1958 data and is not shown in table 3. One major reporting change for establishments classified as Finishing Wool

Textiles is described above under "Value of Shipments." In addition, in 1954 weaving mills did not differentiate between shipments of gray goods and finished goods. In 1958 separate statistics were collected for each of these classes of woolen and worsted fabrics.

The collection of the Census of Manufactures data in this way also results in some non-comparability with the data for woolen and worsted fabrics published in the Census Bureau's Current Industrial Reports, Series M22T.3. In that survey, data for cloth woven is reported in thousands of finished linear yards by weaving mills. The finished fabrics data shown in table 3 of this report includes information reported by weaving mills that finish fabrics, and information reported by finishing plants that do no weaving.

As the reporting changes noted above do not affect the information shown in the Current Industrial reports the data published in those reports are comparable for 1958 and 1954 as well as other years.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 INDEX OF MANUFACTURE

TABLE 1.—GENERAL STATISTICS FOR THE FINE-WEAVING AND WEAVING INDUSTRIES IN THE UNITED STATES: 1954 AND 1958

Item	Unit of measure	1954 <sup>1</sup>	1958 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	10.2	10.3	+1
Payroll.....	Million dollars.....	102.4	104.1	+2
Production workers:				
Number.....	Thousands.....	4.3	4.4	+2
Man-hours.....	Millions.....	111.7	111.7	-2
Wages.....	Million dollars.....	148.9	154.7	+4
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	308.3	317.7	+3
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	295.4	304.3	+3
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	471.8	471.2	-1
Value of shipments <sup>5</sup> .....	..do.....	771.8	781.1	+1
Capital expenditures, new.....	..do.....	8.4	11.7	+40
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	132	134	+2

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resale for both years.

<sup>6</sup>Except for Number of establishments with 20 or more employees, the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

TABLE 1.—GENERAL STATISTICS FOR THE FINE-WEAVING AND WEAVING INDUSTRIES IN THE UNITED STATES: 1958 AND 1959

(Continued)

Item	Unit of measure	1958 <sup>1</sup>	1959 <sup>1</sup>	Percent change 1958 to 1959
All employees:				
Number.....	Thousands.....	4.3	4.4	+1
Payroll.....	Million dollars.....	14.4	14.5	+1
Production workers:				
Number.....	Thousands.....	3.8	3.9	+3
Man-hours.....	Millions.....	7.7	7.7	-2
Wages.....	Million dollars.....	13.9	14.3	+3
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	35.7	36.1	+1
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	34.1	34.2	+1
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	108.6	108.2	-1
Value of shipments <sup>5</sup> .....	..do.....	144.2	144.2	-3
Capital expenditures, new.....	..do.....	1.3	1.3	+1
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	132	134	+2

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resale for both years.

<sup>6</sup>Except for Number of establishments with 20 or more employees, the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

<sup>7</sup>Value of shipments and value of resale of products bought for resale without further manufacture, processing, or assembly.

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE WOOLEN AND WORSTED FABRICS INDUSTRY (CENSUS CODE 2213) AND FINISHING WOOL TEXTILES INDUSTRY (CENSUS CODE 2216) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958								1954			
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employ-ees <sup>5</sup>	All em-ployees, number	Value added by manu-fac-ture, unad-justed <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unad-justed <sup>3</sup> (\$1,000)	Ad-justed <sup>3</sup> (\$1,000)					
WOOLEN AND WORSTED FABRICS												
United States, total.....	49,996	182,428	44,323	89,457	148,630	308,250	295,534	779,940	8,415	232	62,466	315,706
New England.....	22,479	81,687	20,361	40,745	68,846	137,553	137,138	349,535	2,792	122	29,043	143,044
Maine.....	5,186	17,200	4,599	9,357	14,325	29,220	28,161	77,545	866	25	4,154	19,541
Massachusetts.....	9,150	35,111	8,394	16,806	29,671	58,909	59,678	149,475	1,099	41	12,631	66,861
Rhode Island.....	1,673	5,791	1,483	2,790	4,717	8,339	8,367	22,457	178	19	3,221	15,032
Connecticut.....	1,779	6,396	1,619	2,953	5,377	10,546	10,524	28,581	176	12	2,950	16,870
Middle Atlantic.....	7,005	31,893	5,817	11,598	23,047	48,415	46,377	98,440	1,754	40	12,653	65,773
New York.....	3,211	15,993	2,445	4,905	10,223	25,457	25,383	44,875	991	13	3,770	25,906
New Jersey.....	836	4,027	736	1,473	3,149	5,131	3,742	9,894	74	4	5,594	22,762
Pennsylvania.....	2,958	11,873	2,636	5,220	9,675	17,827	17,252	43,671	689	23	3,287	17,104
North Central.....	2,647	9,594	2,283	4,544	7,130	14,058	13,968	29,039	472	16	4,793	24,065
Ohio.....	969	3,515	797	1,545	2,504	5,787	5,711	11,119	237	4	2,869	15,313
Wisconsin.....	860	3,369	753	1,658	2,532	4,173	4,132	9,421	119	6	556	2,714
South.....	16,686	54,847	14,796	30,663	46,055	100,929	91,046	288,247	3,338	46	14,711	76,679
North Carolina.....	3,575	11,922	3,194	6,602	9,980	25,244	20,484	73,818	578	9	4,978	21,864
South Carolina.....	2,694	8,302	2,322	4,590	6,357	14,261	13,879	49,362	134	10	1,726	10,214
West.....	1,179	4,407	1,066	1,907	3,552	7,295	7,005	14,679	59	8	1,265	6,143
FINISHING WOOL TEXTILES												
United States, total.....	4,819	18,433	3,846	7,690	13,853	35,706	34,052	144,282	816	46	4,215	23,143
New England.....	1,517	5,842	1,262	2,611	4,335	10,356	9,600	24,299	373	18	950	4,850
Massachusetts.....	673	2,884	548	1,152	1,986	5,190	5,025	15,657	104	9	252	1,554
Middle Atlantic.....	1,802	7,845	1,411	2,790	6,021	14,992	12,730	25,077	244	18	2,070	10,942
Pennsylvania.....	653	2,794	561	1,053	2,165	4,006	3,933	6,728	60	9	758	4,045
All other divisions.....	1,500	4,746	1,173	2,289	3,497	10,358	11,722	94,906	199	10	1,193	7,350

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



## 1958 CENSUS OF MANUFACTURES

7. QUANTITY AND VALUE OF WOOLLEN AND WORSTED YARN, GOODS AND FINISHED WOOL TEXTILES IN 1954

Quantity and value of these products reported not only by establishments classified as "Wool Textile" but also by establishments making these items as "secondary" products in other textile industries.

Product Code	Product	Unit of measure	Quantity	Value in millions of dollars	
				Quantity	Value
					\$1,000
2213--	Woolen and worsted gray and finished goods, including receipts for commission finishing.....		xxx	xxx	40,207
2213--	Woolen and worsted gray goods (including blankets.....		xxx	xxx	1,100
2213110	Woolen and worsted apparel fabrics (gray).....	Thousand linear yards.....	280,612	16,100	10,000
22132--	Woolen and worsted non-apparel fabrics including blankets.....		xxx	xxx	21,111
2213212	Woolen and worsted non-apparel fabrics (gray).....	Thousand linear yards.....	10,584	1,000	2,000
	Bed and camp blankets, motor robes, etc:				
2213221	Crib size.....	Thousand dozen.....	125	1,000	10,310
2213225	Regular size.....	..do.....			
2213200	Woolen and worsted non-apparel fabrics not specified by kind.....		xxx	xxx	2,731
2213310	Woven wool felts (gray).....	Thousand pounds.....	9,407	1,264	1,820
2213000	Woolen and worsted goods, not specified by kind.....		xxx	xxx	21,451
2216--	Woolen and worsted finished goods, including finished top, yarn, and raw stock (includes receipts for commission finishing of wool fabrics)...		xxx	xxx	599,777
22161--	Finished apparel fabrics (excluding commission finishing).....	Thousand finished linear yards.....	226,908	238,674	578,697
2216111	For Government orders.....	..do.....	4,956	4,737	13,395
	Other than Government orders:				
2216121	For use in men's and boys' clothing.....	..do.....	102,260	105,309	265,927
2216131	For use in women's and children's clothing.....	..do.....	119,692	128,628	299,375
22162--	Finished woolen and worsted goods, except apparel fabrics (excludes commission finishing).....		xxx	xxx	91,149
2216211	Finished nonapparel fabrics, except woven wool felts:				
	Blanketing.....	Thousand finished linear yards.....	5,886	1,637	5,537
2216231	All other.....	..do.....	2,424	2,303	0,037
2216251	Woven wool felts (finished).....	Thousand pounds.....	8,308	8,088	49,435
2216271	Finished wool yarn, top, raw stock ect., (not combed or spun at the same plant).....	..do.....	xxx	15,561	27,140
22163--	Commission finishing of woolen and worsted fabrics.....		xxx	xxx	16,421
	Apparel fabrics:				
2216311	For Government orders.....	Thousand finished linear yards.....			
	Other than Government orders:				
2216321	For use in men's and boys' clothing.....	..do.....	17,620	17,104	4,610
2216325	For use in women's and children's clothing.....	..do.....	26,240	11,150	8,768
2216300	Receipts for commission finishing of woolen and worsted fabrics not specified by kind.....		xxx	xxx	3,043
2216411	Commission finishing of woolen and worsted goods, except broad-woven fabrics.....		xxx	xxx	10,444
2216000	Finished woolen and worsted goods, not specified by kind.....		xxx	xxx	3,066

Note: Data for 1954 are not comparable with the 1958 information (see introductory text under "Value of Shipments" and "Product Statistics").

xxx Not applicable.

\*Reported by weaving companies that may also be finishing fabrics at the same plant.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.



DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-22B-1

### NARROW FABRICS MILLS INDUSTRY

(Industry Code 2241--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in Narrow-Fabrics Mills shipped products valued at \$299 million, an increase of 14 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 5 percent from 1954 to 1958 to a total of 24.5 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$1.2 million in 1958, an increase of 14 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR NARROW FABRIC MILLS IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2241)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	24.5	25.7	-5
Payroll.....	Million dollars...	85.3	79.1	+8
Production workers:				
Number.....	Thousands.....	21.5	22.9	-6
Man-hours.....	Millions.....	42.7	45.0	-5
Wages.....	Million dollars...	64.9	61.5	+6
Value added by manufacture, unadjusted <sup>2</sup> .....	...do.....	141.1	121.5	+16
Value added by manufacture, adjusted <sup>3</sup> .....	...do.....	141.9	124.0	+14
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	...do.....	156.1	139.0	+12
Value of shipments <sup>5</sup> .....	...do.....	299.0	263.4	+14
Capital expenditures, new.....	...do.....	6.5	4.8	+31
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	242	252	-4

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

Narrow Fabric Mills include establishments engaged primarily in weaving or braiding fabrics 12" or narrower in width of cotton; wool, silk, rayon, or other synthetic fibers. Establishments primarily engaged in weaving or braiding fabrics 12" or narrower in width of fabric-covered elastic yarn are also included in this industry. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Narrow Fabric Mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified as Narrow Fabric Mills amounted to \$299 million. Of this total, \$267 million were products primary to the industry, \$17 million were products primary to other industries, and \$15 million were receipts for miscellaneous activities. The industry shipments of primary products represented 94 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 96 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$276 million of narrow fabrics were shipped by all producers of these products. Of this total, \$267 million, or 97 percent, were shipped by plants classified in Industry 2241, Narrow Fabric Mills, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

Table 1.—GENERAL STATISTICS BY MAJOR MANUFACTURING SECTOR

Region and State <sup>1</sup>	1958									1957		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 25 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>					
United States, total.....	24,481	25,275	11,486	42,659	64,890	141,070	11,907	1,000,000	1,000,000	140	11,907	11,907
New England.....	9,591	13,663	8,462	17,151	27,999	51,600	13,600	1,000,000	1,000,000	10	1,000	1,000
New Hampshire.....	736	4,771	645	1,348	2,097	4,771	4,771	1,000,000	1,000,000	1	1,000	1,000
Massachusetts.....	3,200	11,622	2,745	5,499	8,691	18,731	3,751	1,000,000	1,000,000	25	1,000	1,000
Connecticut.....	1,033	3,946	857	1,816	2,900	5,931	2,919	1,000,000	1,000,000	11	1,000	1,000
Middle Atlantic.....	8,241	11,490	6,971	13,759	22,175	47,759	13,759	1,000,000	1,000,000	88	1,000	1,000
New York.....	2,443	11,016	1,845	3,686	6,808	16,840	17,340	1,000,000	1,000,000	26	1,000	1,000
New Jersey.....	1,186	4,571	998	1,924	3,008	7,191	7,191	1,000,000	1,000,000	15	1,000	1,000
Pennsylvania.....	4,612	15,901	4,128	8,149	11,949	13,956	13,956	1,000,000	1,000,000	47	1,000	1,000
North Central.....	845	2,885	728	1,339	2,224	4,748	4,211	1,000,000	1,000,000	10	1,000	1,000
Ohio.....	262	955	203	429	638	1,718	1,718	1,000,000	1,000,000	4	1,000	1,000
South and West.....	5,805	17,237	5,325	10,410	14,421	34,936	14,667	1,000,000	1,000,000	99	1,000	1,000
Virginia.....	985	2,636	925	1,775	2,408	6,971	7,000	1,000,000	1,000,000	4	1,000	1,000
North Carolina.....	1,967	6,146	1,805	3,581	5,255	11,461	10,854	1,000,000	1,000,000	20	1,000	1,000
South Carolina.....	696	2,444	639	1,213	1,719	4,609	4,631	1,000,000	1,000,000	9	1,000	1,000
Georgia.....	279	700	259	471	590	1,084	1,117	1,000,000	1,000,000	5	1,000	1,000
Alabama.....	631	2,074	561	1,152	1,648	3,853	3,790	1,000,000	1,000,000	7	1,000	1,000

<sup>1</sup>Each producing State not shown separately in the above table was withheld either because the industry was not located in the State or associated industries (or areas, or areas) because the industry was not located in the State. Industries producing identical will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference between the value of products without further manufacture, processing, or assembly, plus (c) the net change in finished production, which represents the difference between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 25 or more employees," the figures shown in this table are based on reports from all establishments including those with less than 25 employees classified in the industry.

Table 3.—QUANTITY AND VALUE OF NARROW FABRICS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954  
 (Includes quantity and value of these products reported not only by establishments classified as Narrow Fabric Mills, but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	1958			1954		
			Total production (quantity)	Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2241—	Narrow fabrics, total.....	.....	xxx	xxx	275,678	xxx	xxx	256,149
22411—	Elastic woven narrow fabrics.....	.....	xxx	xxx	51,366	xxx	xxx	39,188
2241111	1-1/2 inches in width and under.....	Thousand lin. yd.	501,283	496,106	32,273	376,090	373,272	23,609
2241131	Over 1-1/2 inches up to 6 inches in width.....	do.....	118,789	121,114	9,697	82,589	81,909	8,245
2241151	Over 6 inches in width.....	do.....	..	(NA)	3,120	10,616	10,343	2,849
2241100	Elastic woven narrow fabrics not specified by kind.....	.....	xxx	xxx	6,276	xxx	xxx	4,485
22412—	Elastic, braided narrow fabrics.....	.....	xxx	xxx	21,951	xxx	xxx	18,694
2241211	Quantity reported.....	Thousand lin. yd.	1,078,375	1,058,006	18,453	1,009,226	991,441	16,561
	Quantity not reported.....	.....	xxx	xxx	3,498	xxx	xxx	2,133
22413—	Woven narrow fabrics except elastic.....	.....	xxx	xxx	130,418	xxx	xxx	132,943
2241313	Strapping and apparel webbing.....	Thousand lin. yd.	63,413	62,346	11,085	151,847	151,492	8,555
2241321	Belting, transmission and conveyor.....	Thousand lbs.....	5,206	5,877	11,577	5,542	5,567	10,168
2241325	Venetian blind webbing.....	Thousand lin. yd.	35,234	34,074	2,717	95,171	92,047	4,907
	Tapes:							
2241333	Zipper tapes.....	Thousand lin. yd.	1,015,714	1,015,042	11,789	1,037,630	1,190,391	14,669
2241337	Electric insulating tapes.....	Thousand lin. yd.	456,223	443,513	4,598	486,115	497,851	5,451
2241338	Bindings:							
	Quantity reported.....	Thousand lin. yd.	678,428	673,947	10,065	652,187	650,188	6,916
	Quantity not reported.....	.....	...	...	...	xxx	xxx	1,218
2241339	Other tapes:							
	Quantity reported.....	Thousand lin. yd.	567,840	590,183	7,480	1,038,235	1,032,540	7,378
	Quantity not reported.....	.....	...	...	2,166	xxx	xxx	968
2241341	Auto wind lace.....	Thousand lin. yd.	34,274	34,543	5,185	74,146	74,046	10,292
2241361	Woven labels.....	Thousand labels..	..	(NA)	14,969	..	(NA)	17,320
2241361	Ribbons:							
	Quantity reported.....	Thousand lin. yd.	1,193,173	1,132,345	18,147	1,821,203	1,724,671	19,605
	Quantity not reported.....	.....	...	...	4,656	xxx	xxx	3,410
2241398	Other woven narrow fabrics.....	.....	xxx	xxx	15,474	xxx	xxx	22,086
2241300	Woven narrow fabrics, except elastic, not specified by kind.....	.....	xxx	xxx	10,510	xxx	xxx	...
22414—	Braided narrow fabrics, except elastic.....	.....	xxx	xxx	35,212	xxx	xxx	37,616
2241410	Non-elastic braided narrow fabrics other than shoe and corset laces.....	.....	xxx	xxx	21,907	xxx	xxx	24,140
2241451	Shoe and corset laces.....	Thousand lb.....	5,759	5,750	11,292	5,845	5,849	10,829
2241400	Braided narrow fabrics, except elastic, not specified by kind.....	.....	xxx	xxx	2,013	xxx	xxx	2,647
2241511	Covered rubber thread.....	Thousand lb.....	10,339	9,438	25,280	(NA)	7,262	21,418
2241611	Receipts for commission weaving or braiding of narrow fabrics from yarns owned by others...	.....	xxx	xxx	2,906	xxx	xxx	16,290
2241000	Narrow fabrics not specified by kind.....	.....	xxx	xxx	8,545	xxx	xxx	...

NA Not available.

xxx Not applicable.

\*This figure represents receipts for all commission work performed by establishments classified in Industry 2241, narrow fabric mills. It is not strictly comparable to the 1958 figure which represents receipts for commission weaving and braiding of narrow fabrics regardless of the industry classification of the establishment.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-22B-2

### THREAD MILLS INDUSTRY

(Industry Code 2223--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in Thread Mills shipped products valued at \$167 million, a decrease of 10 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 20 percent from 1954 to 1958 to a total of 35.1 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$62 million in 1958, a decrease of less than 1 percent from 1954 when the previous census was

taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THREAD MILLS IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2223)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	11.1	13.9	-20
Payroll.....	Million dollars...	35.1	38.3	-8
Production workers:				
Number.....	Thousands.....	9.6	12.2	-21
Man-hours.....	Millions.....	18.4	22.8	-19
Wages.....	Million dollars...	26.7	29.3	-9
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	61.9	62.7	-1
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	62.3	62.4	...
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	105.2	122.2	-14
Value of shipments <sup>5</sup> .....	..do.....	167.3	185.6	-10
Capital expenditures, new.....	..do.....	1.8	8.5	-79
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	47	53	-11

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

Thread Mills include establishments engaged primarily in the manufacture of thread or cotton, wool, silk, rayon or other synthetic fibers. Establishments engaged in finishing thread are included in this industry. Establishments primarily engaged in manufacturing flax thread are included in Industry 2299, "Textile Goods, N.E.C.," and establishments manufacturing cordage or twine are included in Industry 2298 "Cordage and Twine." This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Thread Mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified as Thread Mills amounted to \$167 million. Of this total, \$147 million were products primary to the industry, \$16 million were products primary to other industries, and \$5 million were receipts for miscellaneous activities. The industry shipments of primary products represented 90 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 88 percent.

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$162 million of thread were shipped by all producers of these products. Of this total, \$147 million, or 91 percent, were shipped by plants classified in Industry 2223, Thread Mills, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and totals for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THREAD MILLS (S.I.C. CODE 2223) BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>3</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	11,173	35,132	9,623	18,396	26,698	61,861	62,286	167,345	1,778	47	13,908	62,694
New England.....	3,420	12,340	3,111	6,117	8,991	20,157	20,314	44,887	320	10	3,696	18,483
Connecticut.....	2,187	7,167	1,936	3,780	5,563	12,888	13,143	27,648	165	5	2,469	11,316
Middle Atlantic.....	706	2,620	631	1,093	1,712	5,287	5,045	14,849	135	10	1,111	6,862
All Other Divisions.....	6,777	21,172	5,981	11,286	15,995	36,417	36,726	107,609	1,323	...	9,100	37,347
North Carolina.....	2,370	8,370	2,508	4,926	6,945	20,408	21,976	63,322	1,050	12	2,148	12,179

<sup>1</sup>See preceding table and under separately in the above table was withdrawn either in 1958 or in 1954. In 1958, 1,173 establishments were reported for this industry. In 1954, 47 establishments were reported for this industry. The figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

<sup>2</sup>Value of products shipped (except for materials, supplies, fuel, electricity, and contract work).

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

Table 3.—QUANTITY AND VALUE OF THREAD SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified as Thread Mills but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	1958			1954		
		Total production (quantity)	Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers	
			Quantity (1,000 lbs.)	Value (\$1,000)		Quantity (1,000 lbs.)	Value (\$1,000)
2223---	Thread, total.....	xxx	xxx	161,603	100,239	98,223	166,979
22233	Finished thread for use in the home.....	11,076	11,343	26,636	18,645	17,545	39,647
2223311	Cotton sewing thread.....	4,661	4,610	12,765	6,575	6,049	19,104
2223351	Cotton crochet, darning, embroidery and hand knitting thread and handwork cottons.....	6,104	6,422	11,642	11,925	11,357	19,637
2223359	Other thread for use in the home except flax.....	(NA)	(NA)	2,229	145	139	906
2223300	Finished thread for use in the home, not specified by kind.....	...	...	...	...	...	...
22234--	Finished thread for industrial or manufacturers' use.....	xxx	xxx	99,287	52,320	51,653	97,528
2223411	Cotton, except industrial weight goods and braided thread.....	46,918	44,500	66,092	46,153	45,626	74,271
2223413	Cotton industrial weight goods except braided thread.....	7,169	7,365	8,247	3,152	3,003	5,413
2223417	Cotton braided thread.....	303	298	630	...	...	...
2223421	Man-made fiber thread.....	4,004	3,999	19,964	12,774	12,744	14,128
2223431	Other fiber thread except flax.....	299	446	3,092	1,241	1,280	13,716
2223400	Finished thread for industrial or manufacturers' use, not specified by kind.....	xxx	xxx	1,262	...	...	...
2223511	Unfinished thread shipped or transferred to other plants for finishing.....	26,625	26,570	30,508	29,274	29,025	29,804
2223000	Thread, not specified by kind.....	...	...	1,172	...	...	...

NA Not available.

xxx Not applicable.

<sup>1</sup>Man-made fiber industrial weight goods and braided thread are included in with Code 2223431 "Other fiber thread, except flax."

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-22B-3

### YARN MILLS, COTTON SYSTEM, INDUSTRY

(Census Industry Code 2224)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Yarn Mills, Cotton System, Industry shipped products valued at \$1,158 million, an increase of 12 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 11 percent from 1954 to 1958 to a total of 76.1 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$338 million in 1958, an increase of 17 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR YARN MILLS, COTTON SYSTEM, INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Census Industry Code 2224)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	76.1	85.3	-11
Payroll.....	Million dollars...	204.1	197.3	+3
Production workers:				
Number.....	Thousands.....	71.6	80.9	-11
Man-hours.....	Millions.....	131.8	145.0	-9
Wages.....	Million dollars...	180.7	175.6	+3
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	343.5	298.8	+15
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	337.7	288.5	+17
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	814.1	734.6	+11
Value of shipments <sup>5</sup> .....	..do.....	1,157.7	1,033.6	+12
Capital expenditures, net.....	..do.....	20.9	18.5	+13
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	309	313	-1

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00



## 1958 CENSUS OF MANUFACTURES

The Yarn Mills, Cotton System, Industry includes establishments engaged primarily in the spinning of yarn on the cotton or silk systems from cotton, wool, silk, rayon, or other man-made staple fibers, or in the manufacture of tire cord and fabric. Establishments engaged primarily in twisting, winding, plying, or spooling of spun yarns are also included in this industry. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. However, Census Industry 2224 represents a part of the Standard Industrial Classification Industry 2221 data for the remainder of S.I.C. Industry 2221 are published as Census Industry 2212 "Yarn Mills, Wool, Except Carpet." The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Yarn Mills, Cotton System, Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Yarn Mills, Cotton System, Industry amounted to \$1,158 million. Of this total, \$1,068 million were products primary to the industry, \$76 million were products primary to

other industries, and \$14 million were receipts for miscellaneous activities. The industry shipments of primary products represented 93 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 95 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,243 million of cotton and silk system yarns and tire cord and tire fabrics were shipped by all producers of these products. Of this total, \$1,068 million, or 85 percent, were shipped by plants classified in Industry 2224, Yarn Mills, Cotton System, while the remainder was shipped by plants classified in other industries.

### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and totals for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE YARN MILLS, COTTON SYSTEM, INDUSTRY (CENSUS CODE 2224) BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	76,137	204,126	71,621	131,758	18,667	343,463	337,733	1,157,696	26,941	309	85,275	298,833
New England.....	1,270	4,118	1,099	2,180	3,282	5,510	5,216	14,364	363	13	4,155	15,750
Massachusetts.....	857	2,790	743	1,492	2,272	3,476	3,419	9,873	143	8	1,717	7,504
Middle Atlantic.....	1,854	6,141	1,640	3,019	5,041	9,636	9,641	43,202	1,443	20	1,276	4,242
New York.....	486	1,465	433	811	1,258	2,111	2,197	11,205	200	6	561	1,634
All other divisions.....	73,006	193,867	68,881	126,559	172,344	328,317	322,876	1,100,130	19,135	276	79,842	278,841
North Carolina.....	42,307	109,026	40,065	73,782	97,345	178,127	177,440	561,157	9,783	178	46,706	151,736
South Carolina.....	4,276	11,577	3,967	7,214	9,890	23,039	22,556	82,740	1,206	20	4,852	17,624
Georgia.....	15,915	42,384	14,964	27,308	37,783	71,083	69,773	268,730	5,640	40	16,845	61,645
Tennessee.....	2,867	8,638	2,700	5,355	7,739	15,744	14,799	44,578	423	8	2,152	9,107
Alabama.....	5,616	15,950	5,339	9,365	13,801	26,501	27,151	86,520	1,478	23	7,097	23,733

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional) publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF COTTON SYSTEM YARNS, TIRE CORD AND TIRE FABRIC SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954  
(Includes quantity and value of these products reported not only by establishments classified as Yarn Mills, Cotton System, but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	1958						1954			
		Total production (1,000 pounds)	Total shipments including inter-plant transfers		Transfers to other plants of the same company		Produced and consumed in same establishment (1,000 pounds)	Total production (1,000 pounds)	Total shipments including inter-plant transfers		
			Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)			Quantity (1,000 pounds)	Value (\$1,000)	
2224— 2225— 2261 pt.)	Cotton and silk system yarns; tire cord and tire fabrics, total.....	xxx	xxx	1,242,744	xxx	xxx	xxx	xxx	xxx	1,129,997	
2224— 22242—	Cotton system yarns, tire cord and tire fabrics.....	xxx	xxx	1,122,916	xxx	xxx	xxx	xxx	xxx	1,012,772	
	Yarns spun on cotton system.....	xxx	xxx	790,540	xxx	178,290	xxx	4,104,950	2956,360	2,677,787	
	Carded cotton yarns:										
2224211	Weaving yarns (other than carpet).....	2,481,303	182,122	112,737	53,227	33,251	2,291,388	2,833,946	258,605	160,335	
2224212	Carpet yarns (except tufting)....	61,333	59,534	31,101	5,503	2,732	4,143	120,000	113,845	59,240	
2224213	Tufting yarns.....	38,274	36,238	17,385							
2224214	Machine-knitting yarns.....	181,299	174,728	114,169	26,083	15,642	6,711	113,341	131,490	78,894	
2224215	Tire cord yarns.....	17,853	(3)					11,582			
2224216	Cordage, rope, and twine yarns.....	65,515	27,189	14,464	4,894	3,175	56,280	122,657	21,366	11,851	
2224217	Sewing-thread yarns.....	6,959	2,452	1,575				11,841	6,255	4,114	
2224219	All other carded cotton yarns.....	62,990	261,989	229,684				268,124	256,835	233,061	
	Combed cotton yarns:										
2224231	Weaving yarns.....	454,166	82,753	71,628	25,010	20,934	371,460	321,879	56,353	49,590	
2224233	Machine-knitting yarns.....	193,621	182,260	152,276	42,269	36,586	410,742	176,742	175,188	147,158	
2224235	Sewing-thread yarns.....	53,550	25,003	26,688	11,253	10,869	28,236	54,291	28,729	33,666	
2224239	All other combed cotton yarns.....	10,973	9,867	12,695	923	665	(*)	3,310	2,972	4,019	
	Rayon and/or acetate yarns:										
2224261	Weaving yarns (except carpet)....	273,250	73,110	46,029	41,917	26,303	201,707				
2224263	Carpet and tufting yarns.....	68,403	56,682	35,757	2,525	1,757	12,618	304,070	81,466	54,399	
2224267	Knitting and other yarns.....	13,688	13,447	11,886							
	Noncellulosic fibers (nylon, acrylic, etc.):										
2224271	Weaving yarns.....	43,396	21,688	28,936	15,697	21,732	21,376				
2224273	Carpet and tufting yarns.....	11,888	9,070	14,583	2,968	4,644	2,871	37,058	20,693	36,490	
2224277	Knitting and other yarns.....	25,372	24,021	40,789							
2224281	Wool yarns.....						(NA)	4,114	2,563	4,970	
2224200	Cotton system yarns, not specified by kind.....	xxx	xxx	28,158	xxx	xxx	xxx	xxx	xxx	xxx	

See footnotes at end of table.

Table 3.—QUANTITY AND VALUE OF COTTON SYSTEM YARNS, TIRE CORD AND TIRE FABRIC SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954—Continued

(Includes quantity and value of these products reported not only by establishments classified as Yarn Mills, Cotton System, but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	1958						1954		
		Total production (1,000 pounds)	Total shipments including inter-plant transfers		Transfers to other plants of the same company		Produced and consumed in same establishment (1,000 pounds)	Total production (1,000 pounds)	Total shipments including inter-plant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)			Quantity (1,000 pounds)	Value (\$1,000)
222410	Cotton and silk system yarns; tire cord and tire fabrics—Continued									
	Cotton system yarns, tire cord and tire fabrics—Continued									
	Cotton tire cord and tire fabrics: Total as reported in the Census....	35,186	35,733	21,092	22,605	15,235	xxx	59,890	64,068	42,280
	Total as reported on Census									
	Quarterly Form M221.....	34,425	xxx	xxx	xxx	xxx	xxx	59,890	xxx	xxx
	Tire cord and tire cord fabrics..	6,755	xxx	xxx	xxx	xxx	xxx	12,716	xxx	xxx
2224310	Chafer fabrics and all other tire tire fabrics.....	27,670	xxx	xxx	xxx	xxx	xxx	47,174	xxx	xxx
	Man-made fiber tire cord and tire fabrics:									
	Total as reported in the Census....	356,679	362,002	311,284	230,941	211,851	xxx	358,448	367,515	292,705
	Total as reported on Census									
	Quarterly Form M221.....	356,067	xxx	xxx	xxx	xxx	xxx	358,448	xxx	xxx
	Rayon tire cord, not woven.....	248,291	xxx	xxx	xxx	xxx	xxx	61,591	xxx	xxx
2225012	Rayon tire cord fabrics, woven....							267,793	xxx	xxx
	Nylon tire cord and tire cord fabric.....	95,576	xxx	xxx	xxx	xxx	xxx	29,064	xxx	xxx
	Chafer fabrics and all other man-made fiber tire fabrics.....	12,200	xxx	xxx	xxx	xxx	xxx	( <sup>3</sup> )	xxx	xxx
	Spun silk yarns.....	(NA)	802	1,720	xxx	xxx	xxx	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
	Finished yarn, except wool:									
	Finished in cotton yarn mills.....	xxx	33,059	31,566	xxx	xxx	xxx	(NA)	(NA)	79,937
2261312	Finished in other industries.....	xxx	70,437	86,742	xxx	xxx	xxx	(NA)	(NA)	107,288
	Total all industries.....	xxx	103,496	118,108	xxx	xxx	xxx	(NA)	101,029	711,225
	Yarns bleached.....	xxx	10,423	10,293	xxx	xxx	xxx	(NA)	11,326	11,991
	Yarns dyed:									
	Carded cotton.....	xxx	18,609	13,544	xxx	xxx	xxx	(NA)	17,142	13,367
	Combed cotton.....	xxx	28,671	34,760	xxx	xxx	xxx	(NA)	19,906	27,775
2261325	Other fibers.....	xxx	9,506	8,458	xxx	xxx	xxx	(NA)	40,599	50,198
	Yarns, mercerized, cotton.....	xxx	36,287	51,053	xxx	xxx	xxx	(NA)	40,599	50,198

NA Not available.

xxx Not applicable.

<sup>1</sup>Does not include production of yarn for own use in knitting mills, narrow fabric mills, and cordage and twine mills.<sup>2</sup>In 1954, separate data were collected for blended yarns, chiefly cotton. Data for such yarns are included with Code 2224219, all other carded cotton yarns.<sup>3</sup>Product Code 2224215 combined with 2224219.<sup>4</sup>Product Code 2224239 combined with Product Code 2224233.<sup>5</sup>"Rayon tire cord fabrics woven" contains a small quantity of man-made fiber chafer fabrics and all other tire fabrics.<sup>6</sup>For 1954, data for spun silk yarns were combined with rewound, twisted, and novelty yarns, Code 2299231, to avoid disclosing figures for individual companies. The total is included in the report for Industry 2299 and is excluded from this table.<sup>7</sup>Includes a small amount of finished raw stock.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-22B-1

### YARN THROWING MILLS

(Industry Code 2222-SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, adjusted value added by manufactures for Yarn Throwing Mills amounted to \$49 million, a decrease of 10 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes,

the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. Average employment in this industry showed a decrease of 26 percent from 1954 to 1958 to a total of 8.3 thousand employees in 1958. Total value of shipments for the industry amounted to \$120 million, an increase of 17 percent over 1954 when the previous census was taken. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR YARN THROWING MILLS IN THE UNITED STATES: 1958 AND 1954

Standard Industrial Classification Code 2222

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>2</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	8.3	11.8	-30
Payroll.....	Million dollars.....	20.7	24.1	-14
Production workers:				
Number.....	Thousands.....	7.8	10.8	-28
Man-hours.....	Millions.....	11.7	21.1	-44
Wages.....	Million dollars.....	11.4	20.8	-45
Value added by manufacture, unadjusted <sup>3</sup> .....	..do.....	50.1	54.4	-9
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	49.1	54.4	-10
Cost of materials, fuel, electricity, and contract work <sup>3</sup> .....	..do.....	69.2	48.1	+44
Value of shipments <sup>4</sup> .....	..do.....	119.7	102.1	+17
Capital expenditures, net.....	..do.....	3.9	1.1	+254
Number of establishments with 20 or more employees <sup>5</sup> .....	Number.....	87	93	-6

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Those Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resale for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments, including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

Yarn Throwing Mills include establishments engaged primarily in throwing or twisting filament yarn (continuous strands) of silk, rayon, or other synthetic fibers. Establishments engaged primarily in the winding and working of filament yarn are classified in Industry 2299. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Yarn Throwing Mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified as Yarn Throwing Mills amounted to \$120 million. Of this total, \$107 million were products primary to the industry, \$3 million were products primary to other industries, and \$10 million were receipts for miscellaneous activities. The industry shipments of primary products represented 97 percent of the total manufactured product shipments (primary and secondary).

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$140 million of thrown and textured yarns were shipped by all producers of these products. Of this total, \$107 million, or 76 percent, were shipped by plants classified in Industry 222, Yarn Throwing Mills, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

Table 2.—EMPLOYMENT, VALUE ADDED BY MANUFACTURE, AND VALUE OF SHIPMENTS

Region and State <sup>1</sup>	1958									1954		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	8,773	21,468	7,891	15,474	11,771	10,116	49,113	11,796	1,001	8	11,340	53,964
New England.....	561	4,176	498	1,081	1,794	4,006	4,490	1,806	135	10	547	2,821
Middle Atlantic.....	4,248	11,559	3,831	7,159	9,943	10,652	21,437	40,437	1,004	14	6,772	27,915
Pennsylvania.....	3,914	11,548	3,499	6,559	9,087	18,473	18,231	35,405	1,001	19	5,484	21,901
All Other Divisions.....	3,870	11,933	3,561	7,236	9,866	26,008	24,186	65,559	1,611	31	4,522	23,226
Virginia.....	851	2,500	835	1,733	2,403	1,980	3,904	9,711	"	4	824	3,897
North Carolina.....	2,140	6,872	1,851	3,917	5,311	15,196	15,024	44,527	1,493	18	2,298	12,222

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (1) to avoid disclosing figures for individual companies, plants, or associate industries or areas, or (2) because the industry was of relatively minor economic importance in the State. (Additional publishing details will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (1) unadjusted value added, plus (2) the difference between the purchases and resale of products without further manufacture, processing, or assembly, plus (3) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF THROWN AND TEXTURED YARNS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified as Yarn Throwing Mills, but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	1958						1954			
		Total production (1,000 lbs.)	Total shipments including inter-plant transfers		Transfers to other plants of the same company		Produced and consumed in same establishment (1,000 lbs.)	Total production (1,000 lbs.)	Transfers to other plants of the same company		
			Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)			Quantity (1,000 lbs.)	Value (\$1,000)	
2222---	Thrown and textured yarns, total.....	xxx	xxx	139,544	(NA)	29,569	91,793	166,160	(NA)		<sup>2</sup> 110,649
	Thrown filament yarns (thrown and textured yarns are reported as textured yarns) <sup>1</sup>										
	Weaving yarns:										
2222021	Rayon and/or acetate.....	40,997	3,815	4,581	1,497	2,386	33,206	48,185	6,498	6,868	
2222023	Nylon.....	39,479	7,471	14,888	3,963	8,415	22,339	47,981	5,867	15,177	
2222025	Other weaving yarns.....	36,524	4,958	7,891	3,902	6,755	30,941	15,782	463	1,179	
	Machine-knitting yarns:										
2222031	Nylon.....	13,172	7,033	16,072	(NA)	6,039	1,476	41,416	5,704	20,090	
2222033	Other machine-knitting yarns.....	1,178	1,177	2,808							
2222035	Other thrown yarns.....	5,109	1,866	4,671							
	Textured yarns (including stretch yarns):										
2222071	Rayon and/or acetate.....	<sup>3</sup> 12,177	<sup>3</sup> 7,239	<sup>3</sup> 13,143	<sup>3</sup> 2,041	<sup>3</sup> 2,661	<sup>3</sup> 3,596	(1)	(1)	(1)	
2222073	Nylon.....	26,714	20,364	50,395	(NA)	3,313	235				
2222075	Other textured yarns.....	(3)	(3)	(3)	(3)	(3)	(3)				
2222000	Thrown and textured yarns, not specified by kind.....	xxx	xxx	6,878	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2222111	Receipts for commission throwing of filament yarns.....	xxx	xxx	18,217	xxx	xxx	xxx	xxx	xxx	xxx	<sup>2</sup> 58,956

xxx Not applicable.

NA Not available.

<sup>1</sup>In 1954 textured yarns were not reported separately and are included with thrown yarns.

<sup>2</sup>For yarns thrown on commission, the figures shown represent commission receipts rather than the value of the yarns thrown. For 1958 the value represents commission receipts for establishments regardless of industry classification. For 1954 the receipts are only for those establishments classified in industries 2222 and 2234.

<sup>3</sup>Product Code 2222075 is combined with 2222071 to avoid disclosing figures for individual companies.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

July 1960

MC(P)-22B-5

### COTTON BROAD-WOVEN FABRICS INDUSTRY

(Industry Code 2233--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Cotton Broad-Woven Fabrics Industry shipped products valued at \$2,784 million, a decrease of 2 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 18 percent from 1954 to 1958 to a total of 242,5 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$1,090 million in 1958, a decrease of 4 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE COTTON BROAD-WOVEN FABRICS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2233)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	242.5	296.2	-18
Payroll.....	Million dollars...	722.1	783.0	-8
Production workers:				
Number.....	Thousands.....	227.7	280.5	-19
Man-hours.....	Millions.....	441.6	537.5	-18
Wages.....	Million dollars...	644.1	702.6	-8
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	1,133.9	1,127.5	+1
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	1,090.0	1,135.4	-4
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	1,612.0	1,708.4	-6
Value of shipments <sup>5</sup> .....	..do.....	2,783.7	2,838.3	-2
Capital expenditures, new.....	..do.....	48.3	55.2	-13
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	397	476	-17

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Cotton Broad-Woven Fabrics Industry includes establishments engaged primarily in the weaving of cotton fabrics over 12" in width. Establishments producing gray goods and further processing them into finished goods or fabricated products such as sheets, towels and pillowcases are also included in this industry. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries as modified by the Census Bureau. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Cotton Broad-Woven Fabrics Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Cotton Broad-Woven Fabrics Industry amounted to \$2,784 million. Of this total, \$2,512 million were products primary to the industry, \$231 million were products primary to other industries, and \$41 million were receipts for miscellaneous activities. The industry shipments of primary products represented 92 percent

of the total manufactured product shipments (primary and secondary). The 1954 ratio was 94 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$3,397 million of Cotton gray goods, finished goods and selected fabricated cotton products were shipped by all producers of these products. Of this total, \$2,512 million, or 74 percent, were shipped by plants classified in Industry 2233, Cotton Broad-Woven Fabrics, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURERS

Table 2.—GENERAL STATISTICS FOR THE COTTON BROAD-WOVEN FABRICS INDUSTRY (CENSUS CODE 22.00) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	242,504	722,133	227,712	441,618	644,145	1,133,897	1,089,973	2,783,694	48,282	397	296,193	1,127,500
New England.....	18,263	57,133	16,781	32,069	50,192	86,714	69,095	188,563	1,672	35	29,562	119,314
Maine.....	6,259	19,477	5,739	11,012	17,253	28,868	25,519	59,650	269	6	8,963	40,343
New Hampshire.....	1,480	4,735	1,330	2,558	4,139	8,523	7,780	19,452	246	4	2,118	12,773
Massachusetts.....	8,025	24,963	7,402	14,042	21,824	37,947	25,559	86,158	650	17	13,697	49,200
Connecticut.....	1,228	4,229	1,138	2,246	3,578	5,975	5,741	14,020	435	4	1,912	7,560
Middle Atlantic.....	2,988	11,180	2,570	5,119	8,633	19,603	19,186	48,443	838	28	4,387	24,619
New Jersey.....	1,130	4,554	999	1,972	3,540	7,892	8,121	18,824	394	13	2,276	12,899
Pennsylvania.....	1,644	5,623	1,394	2,645	4,314	7,718	7,126	20,097	246	13	1,826	9,220
All other divisions.....	221,256	653,820	208,361	404,430	585,320	1,027,580	1,001,692	2,546,688	45,772	334	262,243	982,000
North Carolina.....	52,350	156,387	49,480	95,169	141,979	243,998	243,037	630,843	9,974	72	69,280	266,671
South Carolina.....	76,423	230,612	72,132	143,373	208,468	368,982	353,288	920,631	15,844	118	82,432	331,161
Georgia.....	42,966	121,000	40,456	77,582	107,604	192,641	188,199	470,942	9,655	68	52,140	172,823

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF COTTON GRAY AND FINISHED GOODS AND SELECTED COTTON FABRICATED PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Cotton Broad-Woven Fabrics Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	1958				1954			
			Total production	Total shipments including interplant transfers		Produced and consumed in same establishments	Total production	Total shipments including interplant transfers		
				Quantity	Value			Quantity	Value	
			(quantity)		(\$1,000)	(quantity)	(quantity)		(\$1,000)	
2233— 2261Pt. 2392Pt. 2399Pt.	Cotton broad-woven fabrics; gray goods, finished goods, and selected fabricated products, total.....		xxx	xxx	3,396,718	xxx	xxx	xxx	xxx	3,418,408
2233—	Cotton broad-woven fabrics, in the gray, including blankets.....		xxx	xxx	1,970,558	xxx	xxx	xxx	xxx	2,093,039
2233110	Duck and allied fabrics, including combed duck.....	Thousand lin. yds.	200,154	220,165	111,839	3,650	239,819	225,034	128,134	
2233210	Sheeting and allied coarse and medium yarn fabrics.....	..do.....	2,286,185	1,971,901	531,262	269,791	2,493,582	2,015,883	545,551	
2233310	Print cloth yarn fabrics.....	..do.....	23,339,005	3,411,408	430,554	64,331	4,039,169	3,986,793	515,646	
2233410	Colored yarn fabrics (average corded yarns coarser than 35's).....	..do.....	248,401	407,151	183,337	77,032	738,617	650,393	229,047	
2233510	Toweling and dish cloth fabric.....	..do.....	2534,705	182,696	41,697	330,796	455,088	157,229	36,030	
22336—	Napped cotton fabrics, blanketing, and blankets.....		xxx	xxx	60,484	xxx	xxx	xxx	72,342	
2233612	Napped cotton fabrics and blanketing.....	Thousand lin. yds.	2195,750	76,966	28,951	124,903	233,143	2150,595	272,342	
	Bed and camp blankets, motor robes etc:									
2233631	Crib size.....	Thousand dozen....	994	971	27,962	xxx	(3)	(3)	(3)	
2233635	Regular size.....	..do.....	825	769	15,772	xxx	242,428	(3)	(3)	
2233600	Napped cotton fabrics, blanketing and blankets, not specified by kind.....		xxx	xxx	7,799	xxx	xxx	xxx	xxx	
2233710	Fine cotton fabrics (combed, part combed and fine carded)....	Thousand lin. yds.	21,453,437	1,110,048	384,963	304,945	1,244,336	999,008	318,866	
2233810	Other woven cotton fabrics and specialties.....	..do.....	479,459	381,897	205,114	98,265	447,194	363,741	247,423	
2233000	Cotton broad-woven fabrics (in the gray) not specified by kind.....	..do.....	(NA)	(NA)	21,308	(NA)	xxx	xxx	xxx	
2261Pt.	Finished cotton broad-woven fabrics (including commission finishing) <sup>1</sup> .....		xxx	xxx	948,989	xxx	xxx	xxx	903,211	
22611—	Finished cotton broad-woven fabrics, bleached, dyed or printed (excluding commission finishing):									
	Finished in cotton weaving mills.....	Thousand finished lin. yds.....	41,489,231	51,033,779	401,794	445,662	(NA)	(NA)	374,662	
	Finished in other industries.....	..do.....	41,498,453	883,574	194,477	585,242	(NA)	(NA)	206,722	
	Total, all industries.....	..do.....	42,987,684	51,917,353	596,271	51,030,904	2,978,101	2,070,033	581,384	
2261111	Bleached and white finished.....	..do.....	41,938,175	1,065,872	265,991	841,475	2,000,611	1,272,606	230,137	
2261131	Plain dyed and finished.....	..do.....	898,256	683,866	269,213	(D)	838,468	605,980	291,905	
2261151	Printed and finished.....	..do.....	4151,253	167,615	51,177	(D)	139,022	191,447	59,342	
2261000	Finished cotton broad-woven fabrics not specified by kind.....	..do.....	(NA)	(NA)	9,888	(NA)	xxx	xxx	xxx	
	Receipts for commission finishing of cotton broad woven fabrics (bleached, dyed or printed): <sup>1</sup>									
	Finished in cotton weaving mills.....	..do.....	4212,880	184,520	19,311	29,464	(NA)	(NA)	10,382	
22616—	Finished in other industries.....	..do.....	44,037,567	4,116,813	333,407	44,771	(NA)	(NA)	311,445	
2261611	Total, all industries.....	..do.....	44,250,447	4,301,333	352,718	574,235	4,429,247	(NA)	321,827	
2261611	Bleached and white finished.....	..do.....	41,245,947	1,199,475	53,844	43,271	1,178,978	(NA)	(NA)	
2261631	Plain dyed and finished.....	..do.....	41,456,281	1,443,492	135,686	17,434	1,469,836	(NA)	(NA)	
2261651	Printed and finished.....	..do.....	41,548,219	1,658,366	160,259	13,530	1,780,433	(NA)	(NA)	
2261699	Commission finishing of cotton broad-woven fabrics, not specified by kind.....	..do.....	(NA)	(NA)	2,929	(NA)	xxx	xxx	xxx	

See footnotes at end of table.



Table 3.—QUANTITY AND VALUE OF COTTON GRAY AND FINISHED GOODS AND SELECTED COTTON FABRICATED PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954—Continued

Product code		Unit of measure	1958		1954		
			Total production	Total shipments including interplant transfers	Total shipments including interplant transfers		
				Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2392Pt.	Cotton broad-woven fabrics; gray goods, finished goods, and selected cotton fabricated products—Continued						
	Selected fabricated cotton housefurnishings, n.e.c. <sup>1</sup> .....		xxx	xxx	454,383	xxx	396,992
2392LPt.	Cotton bedspreads and bed sets:						
	Made in cotton weaving Mills.....	Thousand pairs or sets.....	7,088	6,995	27,830	(NA)	719,230
	Made in other industries.....	do.....	4,036	3,602	16,492	(NA)	15,771
	Total, all industries.....	do.....	11,124	10,597	44,322	6,422	35,001
2392151	Jacquard-woven total.....	do.....	7,717	7,352	32,331	4,263	25,806
2392171	Other than Jacquard-woven or tufted.....	do.....	3,407	3,245	11,991	2,179	9,195
23922—	Cotton sheets and pillowcases: <sup>9</sup>						
	Made in cotton weaving mills.....		xxx	xxx	122,048	xxx	109,952
	Made in other industries.....		xxx	xxx	110,910	xxx	104,322
	Total, all industries.....		xxx	xxx	232,958	xxx	214,274
2392212	Sheets, crib size.....	Thousand dozen....	864	623	4,830		
	Sheets, other than crib size:					( <sup>9</sup> )	166,875
2392214	Fitted.....	do.....	2,524	1,979	43,234		
2392216	Not fitted.....	do.....	7,431	6,859	134,977		
2392253	Pillowcases.....	do.....	10,386	9,723	48,077	8,860	46,533
2392200	Cotton sheets and pillowcases, not specified by kind.....	do.....	xxx	xxx	1,840	(NA)	866
23923—	Woven cotton towels and washcloths.....		xxx	xxx	177,103	xxx	147,717
2392311	Towels:						
2392321	Terry woven.....	Thousand dozen....	23,737	23,137	109,958	19,553	92,504
2392331	Blank.....	do.....	6,125	6,483	14,067	4,297	8,563
	Plain and twill-woven, includes dish towels (roll goods converted at 10 yards per dozen).....	do.....	11,456	11,136	19,177	9,856	18,568
2392353	Washcloths.....						
2392300	Towels and washcloths, not specified by kind.....		(NA)	(NA)	33,901	xxx	114,403
2399Pt.	Diapers, regular (woven and knitted textiles) made in cotton weaving mills.....	Thousand dozen....	12,127	12,319	22,788	1216,261	1225,161

D Withheld to avoid approximate disclosing figures for individual companies.

NA Not available.

xxx Not applicable.

<sup>1</sup>For fabrics finished on commission, commission receipts are shown in the value of shipments column. Data for selected fabricated products made from cotton fabrics are shown in this report as they are made in cotton weaving mills. Data for other fabricated products are shown in the reports for industries classified in Major Group.<sup>2</sup>Includes gray goods production for fabrics that are all cotton or chiefly cotton by weight. Total production data are from the Current Industrial Reports, Series M227.1 which includes a more detailed breakdown by type of fabric.<sup>3</sup>In 1954, finished blankets were included with blanketing and reported in thousands of linear yards. 1958 data for blankets may be understated because some companies included their finished blankets with blanketing.<sup>4</sup>Total production data for cotton finished fabrics are from the Current Industrial Reports, Series M22S which includes a more detailed breakdown by type of fabric finished.<sup>5</sup>Does not include quantity data for fabrics not specified by kind.<sup>6</sup>Represents commission receipts for finishing cotton fabrics by establishments classified in Industry 2261 and may not be completely comparable with 1958 data.<sup>7</sup>May include some bedspreads and bedsets made from man-made fiber fabrics.<sup>8</sup>In the industry report for bedspreads and bedsets data are reported for man-made fiber bedspreads and bedsets. In addition, there were \$8,918 thousand of bedspreads and bedsets not specified by kind.<sup>9</sup>In order to avoid disclosing figures for individual companies, data for man-made fiber fabric sheets and pillowcases have been combined with data for cotton sheets and pillowcases.<sup>10</sup>The total quantity of sheets shipped in 1954 is not available. However, manufacturers with shipments valued at \$159,582 thousand shipped 8,334 thousand dozen.<sup>11</sup>Includes \$3,166 thousand reported as other towels.<sup>12</sup>Data for 1954 includes nonwoven diapers. The shipments of such diapers in 1958 amounted to \$3,752 thousand and are excluded from the 1958 data.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.







# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1960

MC(P)-22C-1

### FULL-FASHIONED HOSIERY MILLS

(Industry Code 2251--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, value added by Full-Fashioned Hosiery Mills amounted to \$175 million, a decrease of 36 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 44 percent from 1954 to 1958 when the previous census was taken to a total of 33.8 thousand employees in 1958. Value added is derived by subtracting the cost of materials, fuels, etc.,

from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR FULL-FASHIONED HOSIERY MILLS, IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2251)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	33.8	60.2	-44
Payroll.....	Million dollars...	104.2	178.5	-42
Production workers:				
Number.....	Thousands.....	30.2	55.0	-45
Man-hours.....	Millions.....	56.3	101.9	-45
Wages.....	Million dollars...	86.3	151.6	-43
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	174.8	267.0	-34
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	174.5	270.8	-36
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	(7)	(7)	xxx
Value of shipments <sup>5</sup> .....	..do.....	(7)	(7)	xxx
Capital expenditures, new.....	..do.....	6.0	7.7	-22
Number of establishments with 20 or more employees.....	Number.....	242	420	-42

xxx Not applicable.

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

<sup>7</sup>Omitted due to extensive duplication arising from shipments from one establishment to another in the same industry classification.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Full-Fashioned Hosiery Mills include manufacturing establishments engaged primarily in knitting, dyeing, or finishing full-fashioned hosiery. Establishments engaged in knitting, dyeing, or finishing full-fashioned hosiery on a commission basis are also included in this industry. Establishments primarily knitting, dyeing, or finishing seamless (circular knit) hosiery are defined as being in Industry 2252, Seamless Hosiery Mills. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments of Full-Fashioned Hosiery Mills, as well as total cost of materials have not been published because they contain a high percentage of duplication. The value of hosiery shipped in the greige would, in effect, be counted twice. Once as a shipment of the establishment producing grieger goods to the dyeing and finishing plant. This value would be included once more in the value of finished hosiery shipped by the dyeing and finishing plant. Similarly the cost of materials figures would also be overstated. For this reason, the "primary product specialization ratio," a measure of the extent to which plants classified in an industry "specialize" in making products regarded as primary to the industry, could not be computed precisely, for this industry. This ratio, however, has declined since 1954 to slightly over 80 percent since the value of secondary products (primarily seamless hosiery) shipped by the industry has increased in comparison to the

value of its primary products, finished full-fashioned hosiery, and full-fashioned hosiery shipped in the greige.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$303 million of full-fashioned hosiery products were shipped by all producers of these products.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

100% COTTON FULL-FASHIONED HOSIERY MILLS SIC CODE 1311

<sup>6</sup>Omitted due to extensive duplication arising from shipments from one establishment to another in the same industry classification.

(Includes quantity and value of these products reported not only by establishments classified in Full-Fashioned Hosiery Mills but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

<sup>1</sup>For 1958, full-fashioned leotards are included in "all other finished full-fashioned hosiery" (product code 2351198).

GROUP 25





# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-22C-2

### SEAMLESS HOSIERY MILLS

(Industry Code 2252--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in Seamless Hosiery Mills shipped products valued at \$603 million, an increase of 37 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 10 percent from 1954 to 1958 to a total of 70.0 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$294 million in 1958, an increase of 45 percent from 1954 when the previous census

was taken. Adjusted value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR SEAMLESS HOSIERY MILLS IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2252)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	70.0	63.4	+10
Payroll.....	Million dollars...	178.1	135.5	+31
Production workers:				
Number.....	Thousands.....	64.9	59.7	+9
Man-hours.....	Millions.....	113.3	105.9	+7
Wages.....	Million dollars...	152.6	117.5	+30
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	293.4	202.5	+45
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	293.7	203.2	+45
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	308.3	235.8	+31
Value of shipments <sup>5</sup> .....	..do.....	602.8	439.9	+37
Capital expenditures, new.....	..do.....	13.6	13.0	+5
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	495	444	+12

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

Seamless Hosiery Mills include establishments engaged primarily in the manufacture of seamless hosiery, finished or sold as greige goods, including anklets, slipper socks, pads, and athletic socks. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Seamless Hosiery Mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in Seamless Hosiery Mills amounted to \$603 million. Of this total, \$544 million were products primary to the industry, \$34 million were products primary to other industries, and \$25 million were receipts for miscellaneous activities. The industry shipments of primary products represented 94 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 96 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$603 million of seamless hosiery were shipped by all producers of these products. Of this total, \$544 million, or 90 percent, were shipped by plants classified in Industry 2252, Seamless Hosiery Mills while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS—SEAMING MACHINERY MILLS (S.I.C. CODE 2252) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours	Wages (\$1,000)	Unadjusted <sup>5</sup>	Adjusted <sup>6</sup>					
				(1,000)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)			(\$1,000)
United States, total.....	67,798	173,555	64,450	113,306	152,629	293,390	293,686	662,700	13,580	42	63,350	222,477
New England.....	1,888	2,984	1,687	3,087	2,314	4,060	4,210	11,400	156	14	1,148	4,261
New Hampshire.....	566	1,246	519	960	1,296	1,917	2,140	7,200	101	7	497	1,735
Massachusetts.....	333	1,63	279	519	757	1,409	1,325	7,100	28	4	328	1,171
Middle Atlantic.....	5,049	16,016	5,077	9,425	13,180	24,305	23,655	51,339	1,837	67	5,435	19,947
Pennsylvania.....	4,368	12,297	3,982	7,362	10,083	18,544	18,736	39,494	1,647	52	4,476	15,431
North Central.....	3,203	9,715	2,813	5,163	7,392	22,007	21,743	44,947	331	15	3,032	11,815
Wisconsin.....	1,414	3,968	1,276	2,245	3,074	7,115	7,005	13,767	95	7	1,370	5,020
South and West.....	60,158	149,340	56,075	97,051	129,743	243,018	244,078	495,399	11,256	399	53,732	166,453
Virginia.....	1,557	3,873	1,428	2,527	3,319	5,407	5,389	10,840	96	8	1,501	4,666
North Carolina.....	37,078	90,844	34,793	59,228	80,754	150,171	150,838	299,724	6,671	267	29,849	98,506
Georgia.....	4,333	9,990	4,136	7,092	8,686	16,332	15,936	28,523	1,116	28	5,394	13,818
Kentucky.....	843	1,892	709	1,373	1,756	2,070	1,925	5,159	147	3	928	2,182
Tennessee.....	11,158	28,784	10,327	18,813	24,505	47,262	49,045	108,536	2,730	56	10,748	32,497
Alabama.....	1,742	4,366	1,667	2,890	3,711	6,603	6,582	11,455	27	11	1,644	5,688

<sup>1</sup>Establishments not shown separately in the State table was withheld, either to avoid disclosing figures for individual companies, in this or other industries or areas, or to indicate the industry was of relatively minor economic importance in the State. Additional publication details will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--QUANTITY AND VALUE OF SEAMLESS HOSIERY SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in Seamless-Hosiery Mills but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 doz. pairs)	Value (\$1,000)	Quantity (1,000 doz. pairs)	Value (\$1,000)
2252---	Seamless Hosiery.....	xxx	603,020	xxx	429,531
22521--	Women's finished seamless hosiery, except anklets, total.....	xxx	182,018	xxx	64,976
2252113	All nylon and nylon leg:				
2252115	Full-length, nonstretch.....	23,144	148,296	8,843	56,593
2252117	Full-length, stretch.....	1,777	11,022		
	Knee length.....	1,188	7,751		
2252131	Cotton or principally cotton.....	1,802	6,826	1,483	5,702
2252151	All other yarns and mixtures including ribbed hose.....	1,707	5,883	670	2,681
2252198	Lectards.....	xxx	2,240	xxx	...
2252100	Women's finished seamless hosiery, not specified by kind.....	xxx	2,240	xxx	...
22522--	Men's finished seamless hosiery, total.....	xxx	168,581	xxx	194,443
	Men's half-hose:				
2252211	Nylon or principally nylon.....	2,681	11,116	2,403	11,534
2252215	Cotton or principally cotton.....	9,275	26,569	11,480	32,145
2252217	Wool or principally wool.....	1,113	4,602	627	4,241
2252219	All other yarns and mixtures.....	670	2,075	1,535	3,070
	Men's slack hose:				
2252221	Nylon or principally nylon:				
2252225	Stretch.....	8,707	27,822	9,797	48,984
2252233	Nonstretch.....	1,802	9,483		
2252235	Rayon and/or acetate or principally rayon and/or acetate.....	874	2,367	2,502	7,118
2252235	Cotton or principally cotton.....	15,449	51,115	19,433	58,298
2252239	All other yarns and mixtures.....	1,504	5,035	755	5,116
2252243	Bundle goods (work socks).....	3,574	10,194	4,065	11,054
2252251	Athletic socks (gym, sweat, etc.).....	2,577	11,968	2,487	8,227
2252261	Crew socks.....	1,012	3,812	1,633	4,656
2252200	Men's finished seamless hosiery, not specified by kind.....	xxx	2,423	xxx	...
22523--	All other finished seamless hosiery, including anklets, total....	xxx	160,908	xxx	136,722
2252311	Boy's socks, including boy's slack socks and golf hose and crew socks.....	9,539	25,370	6,664	16,660
2252314	Children's (5/8 and 7/8) and infant's socks including ribbed hosiery.....	1,097	3,022	2,591	7,028
	Anklets:				
2252321	Women's and misses (sizes 8 and up):				
2252325	Stretch.....	3,905	10,518	19,069	49,579
	Nonstretch.....	10,576	27,899		
2252332	Men's and boy's (all sizes):				
2252332	Stretch.....	5,260	15,750	5,887	15,894
2252334	Nonstretch.....	4,668	12,692		
2252336	Children's (sizes 6 through 8 1/2):				
2252338	Stretch.....	5,888	12,379	10,698	25,674
	Nonstretch.....	6,092	15,754		
2252341	Infant's (sizes through 5 1/2):				
2252345	Stretch.....	1,182	3,427	5,821	11,822
	Nonstretch.....	4,134	8,844		
2252351	Slipper socks.....	862	9,741	687	5,885
2252398	Other finished seamless hosiery.....	2,421	10,904	1,435	4,180
2252300	Finished seamless hosiery, not specified by kind.....	xxx	4,608	...	...
22524--	Seamless hosiery sold as greige (or gray) goods, total.....	xxx	81,078	xxx	33,390
	Women's and misses seamless hosiery, including misses' size 6 and up (excluding anklets):				
2252411	All nylon and nylon leg.....	8,504	35,118	1,436	6,318
2252449	All other yarns and mixtures including ribbed hose.....	980	2,277	614	911
2252498	All other seamless hosiery, including women's and misses' anklets.....	16,000	39,711	10,900	26,161
2252400	Seamless hosiery, sold as greige, not specified by kind.....	xxx	3,972		
2252000	Seamless hosiery, not specified by kind.....	xxx	10,435	xxx	...

xxx Not applicable.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-22C-3

### KNIT FABRIC MILLS

(Industry Code 2256—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in Knit Fabric Mills shipped products valued at \$491 million, an increase of 29 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 10 percent from 1954 to 1958 to a total of 18.4 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$149 million in 1958, an increase of 33 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR KNIT FABRIC MILLS, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2256)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	18.4	16.8	+10
Payroll.....	Million dollars...	73.9	67.9	+28
Production workers:				
Number.....	Thousands.....	15.7	14.7	+7
Man-hours.....	Millions.....	32.9	30.6	+8
Wages.....	Million dollars...	56.8	44.6	+27
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	152.3	113.1	+35
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	148.9	111.6	+33
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	338.2	266.4	+27
Value of shipments <sup>5</sup> .....	do.....	490.6	379.9	+29
Capital expenditures, new.....	do.....	7.2	6.2	+16
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	181	153	+18

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Knit Fabric Mills include establishments engaged primarily in knitting tubular or flat fabric (including warp-knit mosquito netting) and in dyeing or finishing knit fabrics. Included in Industry 2256 are knit fabric mills operated by multi-plant companies which transfer the knit cloth produced to other plants of the same company for further fabrication into such products as knit underwear and gloves. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Knit Fabric Mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified as Knit Fabric Mills amounted to \$491 million. Of this total, \$411 million were products primary to the industry, \$33 million were products primary to other industries, and \$47 million were receipts for miscellaneous activities, mainly contract

work. The industry shipments of primary products represented 92 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 94 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$462 million of knit fabrics were shipped by all producers of these products. Of this total, \$411 million, or 89 percent, were shipped by plants classified in Industry 2256, Knit Fabric Mills while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

3

Table 1.--GENERAL STATISTICS FOR KNIT FABRIC MILLS (S.I.C. CODE 2294) BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958									1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)				
United States, total.....	18,376	78,897	15,716	3,879	56,848	151,334	148,875	490,580	7,238	181	113,121
New England.....	3,377	16,013	2,635	5,478	9,366	27,398	27,818	79,085	1,054	13	11,007
Massachusetts.....	1,455	6,989	1,222	2,583	4,212	14,307	14,487	40,964	392	9	12,422
Middle Atlantic.....	8,31	37,007	6,892	14,878	28,156	71,912	71,087	233,336	3,905	107	59,379
New York.....	4,174	14,014	3,359	7,355	14,475	40,376	39,679	129,764	2,162	62	31,403
New Jersey.....	1,392	5,957	972	4,172	4,837	11,664	10,765	34,650	602	13	8,400
Pennsylvania.....	3,344	12,036	2,561	5,351	8,844	20,872	20,643	68,922	1,141	32	19,575
North Central.....	799	3,815	666	1,362	2,486	9,475	8,985	19,448	60	6	2,452
South Atlantic.....	4,103	13,337	3,578	7,306	10,676	28,306	25,493	115,874	1,521	36	17,586
North Carolina.....	2,450	8,024	2,149	4,329	6,309	16,848	14,993	76,191	1,016	25	12,555
South Carolina.....	742	2,202	630	1,300	1,786	2,997	3,033	17,502	66	5	782
East South Central.....	2,062	6,414	1,900	3,755	5,477	14,369	14,618	39,530	617	8	11,026
Pacific.....	65	311	45	100	187	880	874	3,307	129	1	670

<sup>1</sup>Some processing State not shown separately, in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publication detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and maintenance.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments, including those with less than 20 employees classified in the industry.

Table 3A. QUANTITY AND VALUE OF KNIT CLOTH SHIPPED BY ALL FIRMS\* (INCLUDING INTERPLANT TRANSFERS), IN THE UNITED STATES: 1958 AND 1954

Include quantity and value of the product shipped not only by establishments classified as Knit Fabric Mills but also by establishments making these items as "summary" products in their industries. See text under "Value of shipments."

Product code	Product	Total shipment, including interplant transfers of knit cloth made from yarn owned by the company			
		1958 <sup>*</sup>		1954 <sup>*</sup>	
		Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)
2256---	Knit fabrics, total.....	xxx	461,786	xxx	362,429
22561--	Warp knit fabric, including ravelled, total.....	xxx	217,884	xxx	176,134
225611-	Finished.....	1,111	161,607	9,300	11,834
2256119	Crepe goods.....	26,741	47,800		
22562--	Circular knit fabric, including ravelled, total.....	xxx	243,902	xxx	186,295
2256212	Finished.....	14,411	22,400	1,071	16,816
2256219	Crepe goods.....	12,400	18,180		
2256000	Knit fabric, not specified by kind.....	xxx	6,000	xxx	9,279

\*Revised.

xxx Not applicable.

<sup>\*</sup>For 1953, only summary figures were collected on the quantity and value of total knit cloth shipment, including interplant transfers. Detailed shipments for knit cloth for sale during 1958 were collected, however, in the annual commodity survey W2226, "Knit Cloth for Sale." These figures are shown in table 3B.

## 1958 CENSUS OF MANUFACTURES

Table 3B.—TOTAL SHIPMENTS OF KNIT CLOTH FOR SALE: 1958 AND 1954

Product	Shipments of knit cloth for sale (1,000 pounds)	
	1958 <sup>1</sup>	1954 <sup>2</sup>
Finished knit cloth, total.....	202,596	<sup>3</sup> 165,030
Warp knit finished fabrics, total.....	63,346	<sup>3</sup> 49,520
Underwear and nightwear fabrics, total.....	46,293	37,216
Rayon or chiefly rayon.....	20,715	20,110
Nylon or chiefly nylon.....	24,515	16,223
Other fibers and mixtures.....	1,063	883
Corset fabrics.....	3,878	<sup>3</sup> 1,019
Outerwear fabrics, except glove, total.....	4,402	<sup>3</sup> 3,831
Rayon or chiefly rayon.....	1,021	(NA)
Nylon or chiefly nylon.....	2,194	(NA)
Other fibers and mixtures.....	1,187	(NA)
Glove fabrics, total.....	1,888	2,552
Chiefly cotton.....	730	1,744
Chiefly other yarns.....	1,158	808
Knit netting.....	1,302	866
Toweling, washcloth, and dishcloth fabrics.....	1,312	<sup>3</sup> 4,036
All other warp knit fabrics.....	4,271	
Circular knit finished fabrics, total.....	139,250	115,510
Underwear and nightwear fabrics, total.....	22,201	<sup>3</sup> 29,233
Rayon or chiefly rayon.....	10,220	<sup>3</sup> 15,314
Cotton or chiefly cotton.....	11,264	13,340
Other fibers and mixtures.....	717	579
Outerwear fabrics except glove total.....	74,631	52,476
Overcoating and topcoating (including fleeces), and ski and snow-suit fabrics, total.....	13,782	16,342
Wool, or chiefly wool.....	2,820	10,894
Other fibers or mixtures.....	10,962	5,448
Dress and suiting fabrics, total.....	16,531	8,806
Wool or chiefly wool, and orlon-wool blends.....	6,011	6,692
Other fibers and mixtures, including rayon.....	10,520	2,114
Polo shirt fabrics.....	34,383	<sup>3</sup> 26,181
All other outerwear fabrics, except gloves.....	9,935	<sup>3</sup> 1,147
Glove and mitten fabrics, total.....	11,101	8,666
Work glove jersey-cotton, (including halbriggan).....	4,994	3,636
Work glove ribbed tubing-cotton.....	4,027	4,120
All other glove and mitten fabrics.....	2,080	910
Other circular knit fabrics, total.....	31,317	25,135
Footwear lining.....	3,657	2,956
Meat haggig and other stockinette fabrics.....	7,871	9,792
Elastic girdle blanks and elastic fabrics.....	5,673	<sup>3</sup> 3,004
Toweling, washcloth and dishcloth fabrics.....	861	9,383
All other circular knit fabrics.....	13,255	
Knit cloth in the greige, total.....	22,362	12,125
Warp knit.....	16,663	10,577
Circular knit.....	5,699	1,548

NA Not available.

<sup>1</sup>Detail collected in 1958 annual commodity survey "Knit Cloth for Sale" on Form MA22K.<sup>2</sup>The 1954 figures from the 1954 Census of Manufactures were revised in the 1955 annual report MA-22K, "Knit Cloth For Sale." The 1954 figures were revised, principally to exclude shipments in the greige, as indicated by the 1955 returns. The 1954 Census of Manufactures did not collect separate shipments figures on finished and greige goods. In addition, the 1954 quantity data were adjusted to include some shipments which were shown in the "not specified by kind," category in the Census of Manufactures.<sup>3</sup>Includes some interplant transfers to avoid disclosing figures for individual companies.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

June 1960

MT (P) -22C-4

### KNIT UNDERWEAR MILLS

(Industry Code 2254--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in Knit Underwear Mills made products valued at \$291 million, an increase of 11 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 12 percent from 1954 to 1958 to a total of 27.7 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$134 million in 1958, an increase of 28 percent from 1954 when the previous census was

taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR KNIT UNDERWEAR MILLS IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	27.7	31.3	-12
Payroll.....	Million dollars...	80.7	77.5	+4
Production workers:				
Number.....	Thousands.....	24.4	28.2	-14
Man-hours.....	Millions.....	45.1	51.2	-12
Wages.....	Million dollars...	64.0	63.1	+1
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	131.9	110.6	+19
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	134.2	104.7	+28
Cost of materials, fuel, electricity, and contract work.....	..do.....	157.3	150.0	+5
Value of production <sup>4</sup> .....	..do.....	290.7	261.5	+11
Capital expenditures, net.....	..do.....	9.5	3.0	+83
Number of establishments with 20 or more employees <sup>5</sup> .....	Number.....	121	133	-9

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Alaska and Hawaii were not States until 1959. They will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

GROUP 25

The Knit Underwear Mills include establishments engaged primarily in knitting underwear and nightwear, or in manufacturing underwear and nightwear from knit fabric produced in the same establishment. Establishments primarily engaged in manufacturing underwear and nightwear from woven fabric or purchased knit fabric are classified in Major Group 23 Apparel and Related Products. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified as Knit Underwear Mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total

value of primary products of the industry made by all producers.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

Table 2.—GENERAL STATISTICS FOR KNIT UNDERWEAR MILLS (S.I.C. CODE 2254), BY REGION AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958								1954			
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	27,684	80,712	24,403	45,124	63,963	131,942	134,161	290,722	5,514	121	31,262	110,591
New England.....	436	1,424	339	585	994	2,980	3,466	10,006	35	5	845	2,581
Middle Atlantic.....	9,653	27,521	8,706	15,819	22,064	43,224	43,928	109,229	1,124	76	11,581	42,286
Pennsylvania.....	7,361	21,085	6,742	12,181	17,099	32,696	33,470	85,328	752	55	8,456	31,000
North Central.....	3,154	11,473	2,089	4,100	6,716	17,964	18,552	41,075	367	9	3,869	12,107
South and West.....	14,441	40,234	13,269	24,620	34,189	67,774	68,215	130,407	3,988	31	14,967	53,615
North Carolina.....	5,451	15,175	5,000	8,937	12,537	23,854	24,000	48,118	2,183	10	4,846	17,709
Georgia.....	3,005	8,035	2,830	5,376	7,316	16,199	16,395	28,929	702	7	2,444	9,061

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF KNIT UNDERWEAR AND NIGHTWEAR MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified as Knitting Mills but also by establishments making these items as "secondary" products in other industries. See text under "Value of production")

Product code	Product	Total production			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2254—	Knit underwear and nightwear, total <sup>2</sup> .....	xxx	672,379	xxx	574,779
2341101	Knit underwear, women's and children's:				
2254112	Made in cut and sew shops.....	xxx	351,425	xxx	325,463
	Made in knitting mills.....				
	Women's, misses', and juniors':				
2341135	Panties and bloomers, total.....	28,428	(NA)	25,035	113,386
2341171	Cotton and/or wool circular knit.....	3,098		1,855	9,846
2341172	Nylon warp knit.....	5,231		3,800	30,193
2341172	Rayon and acetate warp knit.....	16,157		11,089	43,441
2341151	Silk and man-made circular knit.....	3,942		8,291	29,906
	Vests, and undershirts, and step-ins, total.....	1,074		1,453	7,999
2341133	Cotton and/or wool.....	773		634	2,735
2341155	Nylon.....	9			
2341158	Rayon and acetate.....	292		819	5,264
	Slips and garterbelts, total.....	3,879		(NA)	(NA)
2341139	Cotton and/or wool.....	127		(NA)	(NA)
2341154	Nylon.....	3,112		3,418	96,970
2341156	Rayon and acetate.....	640			
	Petticoats and half-slips, total.....	2,147		2,009	48,178
2341162	Nylon.....	1,872		2,009	48,178
2341164	Rayon and acetate.....	275			
	Girls' and children's:				
2341136	Panties and bloomers, total.....	10,444	(NA)	10,031	29,405
2341182	Cotton and/or wool.....	6,197		4,650	11,852
	Other fabrics.....	4,247		5,381	17,553
2341137	Vests and undershirts, total.....	1,115		1,204	43,478
2341165					

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF KNIT UNDERWEAR AND NIGHTWEAR MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified as Knitting Mills but also by establishments making these items as "secondary" products in other industries. See text under "Value of production")

Product code	Product	Total production			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2254--	Knit underwear and nightwear <sup>2</sup> —Continued				
	Knit underwear, women's and children's—Continued				
	Infants:				
2341142	Panties.....	2,723	(NA)	32,308	35,798
2341141	Vests, undershirts, and bands.....	2,989		43,139	49,777
2254198	Other knit underwear, n.e.c.....	xxx	...	xxx	410,472
	Knit nightwear, women's and children's:				
2341214	Made in out and sew shops.....	xxx	108,239	xxx	89,189
2254212	Made in knitting mills.....				
	Women's, misses', and juniors', total.....	2,393		2,022	62,278
	Warp knit, total.....	1,872		1,482	52,053
2341271	Nylon.....	1,214		744	37,519
2341273	Rayon and acetate.....	445		635	12,218
2341279	Other warp knit fabrics.....	213		103	2,316
	Circular knit, total.....	521		540	10,225
2341261	Cotton and/or wool.....	324	(NA)	272	5,609
2341265	Silk and man-made fibers.....	197		268	34,616
	Children's, and infants', made from circular cotton and/or wool, total.....	2,748		2,104	25,070
2341281	Heavy-weight sleeping garments made with feet.....	1,418		1,094	14,735
2341289	Other nightwear, including gowns and kimonos.....	1,330		1,010	10,335
	Other knit nightwear, n.e.c.....	xxx		xxx	1,841
	Knit underwear, men's and boys':				
2322012	Made in out and sew shops.....	xxx	202,439	xxx	151,426
2254312	Made in knitting mills.....				
2322022	Union suits, total.....	504		922	15,467
	Undershirts, total.....	17,619		15,288	75,294
2322032	Heavy-weight and medium-weight, including blabriggan.....	556		450	6,756
2322034	Light-weight with 1/4 sleeve (under 4 1/2 lbs. in men's size 42); including T-shirts as undershirts.....	10,972		6,858	38,914
2322035	Sleeveless athletic type.....	6,091		7,980	29,624
2322042	Drawers, total.....	1,274	(NA)	1,189	13,383
2322052	Shorts and briefs, total.....	13,211		9,511	43,968
2322054	Shorts (loose-leg, nonsupporter type).....	1,176		653	2,939
	Briefs, supporter type:				
	Men's.....	6,566		5,208	27,823
	Boys'.....	5,469		3,650	13,206
2254398	Other knit underwear, n.e.c.....	xxx		669	3,314
	Men's and boys' nightwear made from knit fabrics:				
2321212	Made in out and sew shops.....	477	9,632	(NA)	6,174
2254412	Made in knitting mills.....				
2254000	Knit underwear and nightwear, not specified by kind.....	xxx	644	xxx	2,527

NA Not available.

xxx Not applicable.

<sup>1</sup>Detailed quantity of production figures were obtained from the 1958 Annual Apparel Survey while the value figures were obtained from the Census of Manufactures.<sup>2</sup>The figures for 1954 and 1958 include the quantity and value of knit underwear and nightwear produced by establishments classified as knitting mills (Group 225) as well as establishments classified in the "out-and-sew" plants (Major Group 23).<sup>3</sup>For 1954, infants' panties move from circular knit silk and man-made fabrics, and all girls', children's, and infants' panties made from warp knit fabrics are included with girls' and children's panties made from knit fabrics other than cotton and/or wool.<sup>4</sup>For 1954, infants' vests, undershirts, and bands (code 2341141) include only circular knit cotton and/or wool. Infants' vests made from warp knit fabrics are included with all other knit underwear, n.e.c. (code 2341140); vests made from circular knit fabrics other than cotton and/or wool are included with girls' and children's vests (code 2341137).<sup>5</sup>Includes 29,000 dozen girls', children's, and infants' circular knit nightwear made from silk, rayon, and other man-made fibers valued at \$451,000.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

June 1960

MC (P) -22C-5

### KNIT OUTERWEAR MILLS

(Industry Code 2253—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufactures in Knit Outerwear Mills made products valued at \$824 million, an increase of 42 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 31 percent from 1954 to 1958 to a total of 60.8 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$342 million in 1958, an increase of 45 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE KNIT OUTERWEAR MILLS INDUSTRY, IN THE UNITED STATES: 1958 and 1954  
(Standard Industrial Classification Code 2253)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	60.8	46.4	+31
Payroll.....	Million dollars...	205.1	139.2	+47
Production workers:				
Number.....	Thousands.....	52.6	41.3	+27
Man-hours.....	Millions.....	98.3	76.0	+29
Wages.....	Million dollars...	155.4	104.5	+49
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	337.5	231.7	+46
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	342.0	236.5	+45
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	482.2	336.9	+43
Value of production <sup>5</sup> .....	..do.....	824.0	578.6	+42
Capital expenditures, new.....	..do.....	11.9	9.9	+20
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	635	529	+20

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

Knit Outerwear Mills include establishments engaged primarily in the knitting of outerwear, or in manufacturing outerwear from fabrics produced in the same establishment. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified as Knit Outerwear Mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. Production and other receipts of establishments classified as Knit Outerwear Mills amounted to \$824 million. Of this total, \$630 million were products primary to the industry, \$52 million were products primary to other industries, and \$142 million were receipts for miscellaneous activities. The industry shipments of primary products represented 92 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 93 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$837 million of knit outerwear products were made by all producers of these products. Of this total, \$630 million, or 75 percent, were made by plants classified in Industry 2253, Knit Outerwear Mills, while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR THE KNIT OUTERWEAR MILLS INDUSTRY (S.I.C. CODE 2253), BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958 <sup>1</sup>									1954		
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	60,750	205,119	52,614	98,304	155,393	337,479	342,027	824,041	11,877	635	46,403	231,702
New England.....	6,250	19,389	5,248	9,513	14,495	30,181	31,843	72,095	819	28	4,063	16,727
New Hampshire.....	1,854	5,878	1,506	2,774	4,248	8,169	8,444	25,258	116	5	809	3,425
Massachusetts.....	3,617	11,295	3,032	5,586	8,418	18,621	20,011	40,377	547	13	2,680	10,641
Middle Atlantic.....	41,244	142,866	35,776	66,615	109,455	246,444	249,459	594,438	8,254	519	31,665	171,221
New York.....	23,358	86,219	19,667	37,117	62,732	155,344	157,886	405,218	5,400	362	18,779	114,011
New Jersey.....	4,959	16,660	4,552	8,425	14,164	24,399	24,247	52,762	886	74	4,113	18,740
Pennsylvania.....	12,927	39,987	11,557	21,073	32,559	66,701	67,326	136,458	1,968	83	8,772	38,469
East North Central.....	3,302	11,917	2,905	5,578	8,910	17,066	17,610	40,242	359	24	3,326	16,891
Ohio.....	2,170	8,315	1,922	3,833	6,201	11,381	11,834	29,029	290	14	2,044	10,972
Illinois.....	174	559	154	276	447	1,050	1,041	2,243	20	2	279	1,353
Wisconsin.....	857	2,776	747	1,315	2,080	4,350	4,440	8,204	48	7	901	4,104
West North Central.....	352	1,112	300	626	873	1,900	1,840	4,396	22	5	432	1,973
Minnesota.....	352	1,112	300	626	873	1,900	1,840	4,396	22	5	432	1,973
South.....	7,282	20,188	6,714	12,783	16,351	34,344	33,813	75,114	1,271	34	4,661	13,352
Virginia.....	2,727	7,393	2,519	4,878	6,103	12,243	12,011	27,054	448	9	1,913	5,745
West.....	2,320	9,647	1,671	3,189	5,309	7,544	7,462	37,756	1,152	25	2,253	11,536

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF KNIT OUTERWEAR PRODUCTS MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified as Knit Outerwear Mills but also by establishments making these items as "secondary" products in other industries. See text under "Value of production.")

Product code	Product	Total production			
		1958 <sup>1</sup>		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2253—	Knit outerwear products, total.....	xxx	836,980	xxx	2,779,947
22531—	Sweaters, jackets, jerseys, pullovers and sacques, total.....	xxx	478,949	xxx	308,156
2329361	Men's and boys', total.....	xxx	123,308	xxx	63,720
2253112	Made in cut and sew shops.....	xxx	12,953	xxx	(NA)
	Made in knitting mills.....	xxx	110,355	xxx	(NA)
	Men's sweaters, by fiber, total.....	2,247	(NA)	1,211	52,141
2253111	All wool.....	1,074		805	36,272
2253114	Acrylic fibers.....	451			
2253113	All man-made fibers, except acrylic fibers.....	26		406	15,869
2253118	Other yarns, including mixtures and blends.....	696			
	Boys' sweaters, by fiber, total.....	1,021	(NA)	427	11,579
2253121	All wool.....	137		221	7,574
2253124	Acrylic fibers.....	507			
2253123	All man-made fibers, except acrylic fibers.....	(1)		206	4,005
2253128	Other yarns, including mixtures and blends.....	1,377			
	Women's, misses and juniors', total.....	xxx	269,163	xxx	180,473
2339042	Made in cut and sew shops.....	xxx	24,460	xxx	(NA)
2253132	Made in knitting mills.....	xxx	244,703	xxx	(NA)
	Pullover sweaters and jerseys by fiber, total.....	4,064	(NA)	3,082	91,777
2253131	All wool.....	770		1,387	41,604
2253133	All man-made fibers, except acrylic fibers.....	606			
2253134	Acrylic fibers.....	2,290		1,695	50,083
2253138	Other yarns, including mixtures and blends.....	398			
	Coat and cardigan sweaters by fiber, total.....	3,446	(NA)	2,305	88,696
2253141	All wool.....	570		779	35,018
2253143	All man-made fibers, except acrylic fibers.....	386			
2253144	Acrylic fibers.....	2,142		1,526	53,678
2253148	Other yarns, including mixtures and blends.....	348			

See footnotes at end of table.



Table 3.--QUANTITY AND VALUE OF KNIT OUTERWEAR PRODUCTS MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954--Continued

Product code	Product	Total production			
		1958 <sup>1</sup>		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
	Knit outerwear products--Continued				
	Women's misses and juniors'--Continued				
	Girls', teen-age girls', children's and infants', including				
2369072	Infants' sacques, total.....	xxx	72,594	xxx	43,341
2253162	Made in cut and sew shops.....	xxx	8,730	xxx	...
	Made in knitting mills.....	xxx	63,864	xxx	...
	Girls' and teen-age girls' sweaters and jerseys				
	(sizes 7-16), by fiber, total.....	918		644	17,850
2253151	All wool.....	69		149	3,817
2253153	All man-made fibers, except acrylic fibers.....	92			
2253154	Acrylic fibers.....	621		495	14,033
2253158	Other yarns, including mixtures and blends.....	136			
	Children's sweaters (sizes 2-8), by fiber, total.....	1,188		737	15,159
2253161	All wool.....	54		194	4,329
2253166	All man-made fibers.....	768	(NA)	543	10,830
2253168	Other yarns.....	366			
	Infants' sweaters and sacques (sizes 0-3),				
	by fiber, total.....	784		635	10,332
2253171	All wool.....	38		183	2,986
2253176	All man-made fibers.....	618		452	7,346
2253178	Other yarns, including mixtures and blends.....	128			
2253198	Other knit products including babies' shawls.....	xxx		xxx	9,261
2253100	Sweaters, jackets, jerseys, pullovers,				
	and sacques, not specified by kind.....	xxx	13,884	xxx	11,361
22532--	Knit outerwear sport shirts:				
	Polo, tennis, basque, T, sweat and other knit shirts, total...	xxx	207,659	xxx	166,657
	Men's and boys', total.....	11,766	123,643	12,082	109,838
2321161	Made in cut and sew shops.....	xxx	46,596	xxx	
2253212	Made in knitting mills.....	xxx	77,047	xxx	
22532-7	Polo, tennis, basque, T, and other knit shirts.....	9,672		10,373	89,554
22532-1	Sweat shirts.....	2,094	(NA)	1,709	20,284
	Women's, misses', and juniors', polo, tennis, basque, T,				
	sweat, and other knit shirts, total.....	2,433	35,743	1,521	22,332
2339044	Made in cut and sew shops.....	xxx	27,885	xxx	(NA)
2253232	Made in knitting mills.....	xxx	7,858	xxx	(NA)
	Girls', teen-age girls', children's and infants' polo,				
	tennis, basque, T, sweat, and other knit shirts, total....	5,892	48,273	4,330	33,381
2369075	Made in cut and sew shops.....	xxx	15,932	xxx	(NA)
2253242	Made in knitting mills.....	xxx	32,341	xxx	(NA)
2253241	Girls' and teen-age girls' (sizes 7-16), total.....	765		394	4,235
2253251	Children's and infants' (sizes 1-6x), total.....	5,127	(NA)	3,936	29,146
22533--	Other knit outerwear products.....	xxx	114,634	xxx	87,073
2253000	Knit outerwear products, not specified by kind.....	xxx	35,738	xxx	18,891

NA Not available.

xxx Not applicable.

<sup>1</sup>For 1958, production detail was obtained from the 1958 Annual Apparel Report MA-234 while the value figures were collected in the 1958 Census of Manufactures. These figures include knit outerwear products made by knitting mills (Group 225) as well as by cut-and-sew establishments (Major Group 23).

<sup>2</sup>For 1954, the value of woven fabric swimwear and athletic shorts was included in Industry Code 2253. For 1958, men's and boys' woven fabric swimwear and athletic shorts are included in Industry 2329; women's, misses, and juniors' in Industry 2339; and children's and infants in Industry 2369.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC (P)-22D-1

### HARD-SURFACE FLOOR COVERINGS INDUSTRY

(Industry Code 2274--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Hard-Surface Floor Coverings Industry shipped products valued at \$182 million, a decrease of 3 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 16 percent from 1954 to 1958 to a total of 8.1 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$93 million in 1958, a decrease of 10 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

GROUP 23

Table 1.—GENERAL STATISTICS FOR THE HARD-SURFACE FLOOR COVERINGS INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2274)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	8.1	9.6	-16
Payroll.....	Million dollars...	42.2	43.6	-3
Production workers:				
Number.....	Thousands.....	7.7	8.2	-6
Man-hours.....	Millions.....	14.1	17.4	-19
Wages.....	Million dollars...	34.3	36.9	-7
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	94.9	102.3	-7
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	75.4	83.1	-9
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	87.6	84.0	+4
Value of shipments <sup>5</sup> .....	..do.....	182.3	187.3	-3
Capital expenditures, new.....	..do.....	5.2	6.4	-19
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	14	16	-12

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>There are no establishments with less than 20 employees classified in this industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

GROUP 25

The Hard-Surface Floor Coverings Industry includes establishments engaged primarily in the manufacture of linoleum, cork carpet, asphalted-felt-base, and other hard-surface floor and wall coverings not elsewhere classified. Establishments primarily engaged in manufacturing supported plastic floor and wall covering are also included in this industry, but those primarily engaged in extruding plastic sheeting and tile (unsupported) are classified in Industry 3971, Plastic Products, N.E.C. Establishments primarily engaged in manufacturing rubber floor covering are classified in Industry 3099 and asphalt floor tile in Industry 3292, Asbestos products. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Hard-Surface Floor Coverings Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Hard-Surface Floor Coverings Industry amounted to \$182 million. Of this total, \$150 million were products primary to the industry, \$28 million were products primary to other industries, and \$4 million were receipts for miscellaneous activities. The industry

shipments of primary products represented 84 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 85 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$154 million of linoleum and other products primary to Industry 2274 were shipped by all producers of these products. Of this total, \$150 million or 97 percent, were shipped by plants classified in Industry 2274, Hard-Surface Floor Coverings, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE HARD-SURFACE FLOOR COVERINGS INDUSTRY (S.I.C. CODE 2274), BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	8,088	42,230	6,762	14,126	34,256	93,948	93,410	182,293	5,175	14	9,638	40,737
New England.....	1,170	5,502	1,013	2,303	4,622	9,129	9,930	19,294	524	4	1,065	11,299
Middle Atlantic.....	6,173	32,607	5,130	10,590	26,376	75,582	75,461	146,449	4,455	7	7,481	29,566
North Central, South and West.....	745	4,121	619	1,233	3,258	9,237	8,019	16,550	196	3	1,091	12,471

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>There are no establishments with less than 20 employees classified in this industry.

Table 3.—QUANTITY AND VALUE OF HARD-SURFACE FLOOR COVERINGS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Hard-Surface Floor Covering Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	1958			1954		
		Total production (1,000's sq. yds.)	Total shipments including interplant transfers		Total production (1,000's sq. yds.)	Total shipments including interplant transfers	
			(1,000's sq. yds.)	Value (\$1,000)		(1,000's sq. yds.)	Value (\$1,000)
2274----	Hard-Surface floor coverings, total.....	(NA)	(NA)	154,240	245,213	243,867	159,879
22741--	Linoleum floor and wall covering.....	(NA)	(NA)	50,323	169,514	166,502	189,559
	Sheet goods:						
2274111	1/8" Overall thickness and thicker.....	23,758	23,061	35,006	244,754	242,704	257,332
2274113	Less than 1/8" overall thickness:						
2274115	.050 wearing surface.....						
	Less than .050 wearing surface.....	2,767	2,599	1,894	45,672	45,160	44,111
	Title:						
2274121	1/8" overall thickness and thicker (backed and unbacked).....	2,315	2,644	4,258	313,764	313,375	220,002
2274123	Less than 1/8" overall or thickness:						
2274125	.050 wearing surface.....						
2274153	Less than .050 wearing surface.....	8,642	7,922	6,264	3,486	3,442	3,256
	Cork floor and wall covering.....	(NA)	(NA)	2,902	1,838	1,761	4,243
22742--	Asphalted felt-base floor and wall covering.....	(NA)	(NA)	72,038	175,699	177,365	70,121
	Floor covering:						
	Enamel coated or printed:						
2274212	Border rugs.....	59,044	59,682	17,756	65,852	69,648	24,756
	Sheet goods:						
2274222	Wider than 8/4.....	40,690	40,903	15,563	60,007	55,439	23,377
2274225	8/4 and narrower.....	16,168	16,729	4,240	29,384	31,182	10,400
2274232	Plastic coated or plastic printed border rugs and sheet goods (including roto gravure printed).....	63,352	56,406	33,109	7,495	7,665	4,500
2274249	Other asphalted-felt base floor covering.....						
2274251	Wall covering.....						
2274260	Asphalted-felt-base floor and wall covering, not specified by kind.....	...	...	770	12,961	13,431	6,945
22743--	Supported plastic floor, wall, and counter covering (including scrap vinyl backed).....	...	...	31,742	(1)	(1)	(1)
2274312	Sheet goods.....	20,470	20,162	27,498	(2,4)	(2,4)	(2,4)
2274321	Title.....	2,326	2,809	3,590	(3,4)	(3,4)	(3,4)
2274300	Supported plastic floor, wall and counter covering, not specified kind.....	...	...	654	...	...	...
2274000	Hard-Surface floor covering, not specified by kind.....	...	...	137	...	...	...

<sup>1</sup>For 1954, Code 22743 is included with Code 22741. In addition, Code 22743 was not defined as including counter covering.

<sup>2</sup>For 1954, Codes 2274111 and 2274113 include supported plastic sheet floor covering.

<sup>3</sup>For 1954, Codes 2274121 and 2274123 include supported plastic tile floor covering.

<sup>4</sup>For 1954, Code 2274115 includes supported plastic wall covering.

USCIBM--DC

GROUP 23

GROUP 25

**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25. D. C.**  

---

**OFFICIAL BUSINESS**

Postage and Fees Paid  
U. S. Department of Commerce



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(F)-22D-2

### WOOL CARPETS AND RUGS INDUSTRY

(Industry Code 2271--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, adjusted value added by manufacture in the Wool Carpets and Rugs Industry amounted to \$181 million, a decrease of 2 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 17 percent from 1954 to 1958 to a total of 25.1 thousand

employees in 1958. Adjusted value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments plus the net change in finished products and work in process inventories between the beginning and end of year. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE WOOL CARPETS AND RUGS INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2271)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	25.1	30.1	-17
Payroll.....	Million dollars...	98.9	111.0	-11
Production workers:				
Number.....	Thousands.....	21.3	25.3	-16
Man-hours.....	Millions.....	43.2	48.9	-12
Wages.....	Million dollars...	75.2	86.2	-13
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	188.7	191.4	-1
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	180.7	181.0	-
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	(7)	(7)	(7)
Value of shipments <sup>5</sup> .....	..do.....	(7)	(7)	(7)
Capital expenditures, net.....	..do.....	12.5	12.6	-1
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	87	70	+24

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

<sup>7</sup>Omitted due to extensive duplication arising from shipments from one establishment to another in the same industry classification, (See text).



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

DDMD 92

The Wool Carpet and Rugs Industry includes establishments engaged primarily in the manufacture of wool carpets and rugs wholly or in part of woollen or worsted yarns. This industry also includes establishments primarily engaged in spinning woollen or worsted yarn for use in carpets and rugs. The value of shipments and cost of materials for this industry therefore contain extensive duplication as a result of shipments of carpet yarn from yarn spinning establishments classified in this industry to the carpet mills also classified in this industry. Because of this duplication, total value of shipments and cost of materials have been omitted from all tables. This duplication does not affect value added by manufacture and other statistics shown in the tables. Value added is for most purposes, the best measure available for evaluating the relative changes in this industry or the relative economic importance of manufacturing industries or geographic areas.

This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Wool Carpets and Rugs Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and

miscellaneous receipts for contract work, resale of products, etc. The industry shipments of primary products represented a very high proportion of the total manufactured product shipments (primary and secondary) although the percentage declined somewhat from 1954.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figures appear in table 3. Of these figures, almost 90 percent, were shipped by plants classified in Industry 2271, Wool Carpets and Rugs while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE WOOL CARPETS AND RUGS INDUSTRY (S.I.C. CODE 2211) REGIONS AND STATES AND DISTRICTS

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new <sup>5</sup>	No. of establishments with 20 or more employees <sup>6</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>					
United States, total.....	25,059	98,899	21,255	43,190	75,194	188,612	183,734	(6)	12,542	8	32,370	191,409
New England.....	3,103	13,195	2,529	5,124	9,587	22,375	17,357	(6)	1,444	9	4,374	25,788
Massachusetts.....	1,389	5,951	1,185	2,380	4,317	9,606	9,979	(6)	950	12	1,519	11,256
Middle Atlantic.....	12,126	50,589	10,175	20,048	37,611	86,220	79,576	(6)	2,811	34	20,468	136,279
New York.....	4,294	16,205	3,604	7,249	12,021	21,782	16,942	(6)	994	6	8,993	66,913
New Jersey.....	1,878	7,981	1,561	2,945	6,045	14,009	12,102	(6)	326	5	2,696	16,226
Pennsylvania.....	5,954	26,403	5,010	9,854	19,545	50,429	50,532	(6)	1,491	23	8,778	53,142
Other Divisions.....	9,830	35,115	8,551	18,018	27,996	80,063	83,801	(6)	8,327	34	5,234	29,340

<sup>1</sup>Each producing State not shown separately in the above table was withheld either: a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees) classified in the industry.

<sup>6</sup>Omitted due to extensive duplication arising from shipments from one establishment to another in the same industry classification (see text).

Table 3.—QUANTITY AND VALUE OF WOOL CARPETS, RUGS AND CARPET YARN SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Wool Carpets, Rugs, and Carpet Yarns Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipment")

Product code	Product	Unit of measure	1958			1954					
			Total production (quantity)	Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers				
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)			
2271----	Wool carpet and rugs (including carpets yarns), total.....	.....	xxx	xxx	( <sup>1</sup> )	xxx	xxx	( <sup>1</sup> )			
22711--	Wool carpet and rugs (including rugs containing less than 50 per cent wool).....	Thousand sq. yds..	(NA)	(NA)	353,159	65,325	64,512	342,222			
	Woven carpets and rugs:										
	Woven carpet and rugs, except automobile and aircraft floor covering:										
	Pile yarns, all wool:										
2271111	Amminster.....	...do.....	6,647	7,960	45,395	11,706	11,600	61,757			
2271113	Wilton.....	...do.....	14,057	13,360	85,458	13,692	13,048	97,495			
2271115	Plain Velvet.....	...do.....	13,078	12,924	77,859	14,151	13,948	86,583			
2271117	Printed velvet, chenille and others.....	...do.....	2,329	2,241	14,008	3,034	2,953	10,865			
	Pile yarns of wool mixtures, chiefly wool:										
2271121	Amminster.....	...do.....	4,183	4,450	15,600	9,617	9,654	35,626			
2271123	Wilton.....	...do.....	1,438	1,118	6,388	1,893	1,931	11,234			
2271125	Plain velvet.....	...do.....	3,416	3,144	16,700	3,898	3,903	16,789			
2271127	Printed velvet, chenille and others.....	...do.....				2,052	2,267	29,525			
	Pile yarns of wool mixtures, less than 50% wool:										
2271128	Chiefly man-made fibers.....	...do.....	3,335	1,556	4,631	1,945	1,689	4,818			
2271151	Automobile and aircraft floor covering.....	...do.....	537	621	2,734	2,704	2,822	6,280			
2271132	Knitted carpets and rugs all wool, chiefly wool, and partially wool.....	.....	(NA)	(NA)	318,685	(2)	(2)	(2)			
	Tufted carpets and rugs:										
2271141	All wool and chiefly wool.....	Number.....	13,760	12,864	57,678						
2271143	Chiefly rayon and/or acetate, containing wool.....	Number.....	2,089	2,088	6,228						
2271147	Chiefly other fibers containing wool.....	Number.....	735	728	1,795						
2271161	Nonwoven wool face on felt backing.....	...do.....	...	...	...	633	697	1,350			
2271198	Other wool carpets and rugs.....	...do.....	...	...	...	(2)	(2)	(2)			
2271100	Wool carpets and rugs not specified by kind.....	...do.....	(3)	(3)	(3)	...	...	...			
22712--	Carpet weaving and tufting yarns spun or woven or worsted system machinery.....	Thousand pounds...	(NA)	(NA)	129,496	137,302	56,037	77,910			
2271212	Wool and chiefly wool, including reuse and reprocessed wool.....	...do.....	1,196	72,713	96,848						
2271222	Rayon and/or acetate.....	...do.....	22,744	18,272	11,738						
2271232	Non-cellulosic fiber (nylon acrylic, etc.).....	...do.....	18,052	12,770	18,168						
2271252	Cotton.....	...do.....	(NA)	(NA)	2,742						
2271200	Carpet weaving and tufting yarns, not specified by kind.....	.....									

xxx Not applicable.

(NA) Not available.

<sup>1</sup>Omitted because of duplication in value of shipments between carpet yarns and carpets and rugs (See text).

<sup>2</sup>For 1954 Code 2271127 includes Code 2271198. In 1954, separate figures were not requested for wool and part wool knitted or tufted rugs. Where these products were reported separately they were included with Code 2271127.

<sup>3</sup>For 1958, Code 227112 includes Code 2271100.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-22D-2

### CHANGE SHEET

## WOOL CARPETS AND RUGS INDUSTRY

(Industry Code 2271--SIC system in use through 1957)

The following changes should be made in the report for Wool Carpets and Rugs Industry, MC(P)-22D-2, dated March 1960.

Page	Table	Product code	Product	Unit of measure	
				FROM	TO
4	3		Tufted carpets and rugs:		
		2271141	All wool and chiefly wool.....	Number	Thousand sq. yds.
		2271143	Chiefly rayon and/or acetate, containing wool.....	Number	Thousand sq. yds.
		2271147	Chiefly other fibers containing wool.....	Number	Thousand sq. yds.

USCOMM--DC



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

GROUP 25

GROUP 25



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-22D-3

### CARPETS AND RUGS, EXCEPT WOOL, INDUSTRY

(Industry Code 2273—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Carpets and Rugs, Except Wool, Industry shipped products valued at \$311 million, an increase of 76 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 19 percent from 1954 to 1958 to a total of 13.7 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$110 million in 1958, an increase of 59 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE CARPETS AND RUGS, EXCEPT WOOL, INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2273)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>2</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	13.7	11.5	+19
Payroll.....	Million dollars...	41.6	30.7	+35
Production workers:				
Number.....	Thousands.....	11.9	10.2	+16
Man-hours.....	Millions.....	23.1	19.9	+16
Wages.....	Million dollars...	31.3	23.1	+35
Value added by manufacture, unadjusted <sup>3</sup> .....	..do.....	112.3	67.1	+67
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	110.2	68.2	+59
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	193.9	109.1	+78
Value of shipments <sup>5</sup> .....	..do.....	311.2	176.4	+76
Capital expenditures, new.....	..do.....	5.9	5.0	+19
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	119	106	+12

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00



COPIED 72

The Carpets and Rugs, Except Wool, Industry includes establishments engaged primarily in the manufacture of rugs, carpets, art squares, floor mattings, and door mats and mattings from any fiber, except wool. Materials used include cotton, rayon, nylon, twisted paper, grasses, reeds, coir (cocoa fiber), sisal, jute and rags. Establishments primarily engaged in dyeing floor covering (other than wool) are also classified in this industry. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Carpets and Rugs, Except Wool, Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Carpets and Rugs, Except Wool, Industry amounted to \$311 million. Of this total, \$260 million were products primary to the industry, \$45 million were products primary to other industries, and \$5 million were receipts for miscellaneous activities. The industry shipments of primary products represented 85 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 95 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$318 million of carpets and rugs, except wool, were shipped by all producers of these products. Of this total, \$260 million, or 82 percent, were shipped by plants classified in Industry 2273, Carpets and Rugs, Except Wool, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each area are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



1958 CENSUS OF MANUFACTURES

Table 1.—INDUSTRY AND THE CEMENTS, LIME, AND GLASS INDUSTRIES (continued)

Region and State <sup>1</sup>	1958										1957	
	All employees		Production workers		Value added in manufacture		Value of shipments <sup>4</sup>	All employees, new hires, new	No. of establishments with 25 or more employees	All employees, number	Value added by manufacturing, constant prices <sup>2</sup>	
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Constant prices <sup>3</sup> (\$1,000)						
United States.....	10,000	41,507	10,000	1,000	21,000	10,000	10,000	10,000	10,000	10,000	10,000	
New England.....	100	2,000	100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
Middle Atlantic.....	1,000	1,200	1,000	2,000	1,100	1,000	1,000	1,000	1,000	1,000	1,000	
North Central.....	100	1,000	100	200	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
South.....	1,000	2,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	
North Carolina.....	100	1,000	100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
South Carolina.....	100	1,000	100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
Georgia.....	100	1,000	100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
Tennessee.....	100	1,000	100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
Pacific.....	100	1,000	100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	

<sup>1</sup> For a complete list of States and Territories, see the front matter of this publication.

<sup>2</sup> For a complete list of States and Territories, see the front matter of this publication.

<sup>3</sup> For a complete list of States and Territories, see the front matter of this publication.

<sup>4</sup> For a complete list of States and Territories, see the front matter of this publication.

<sup>5</sup> For a complete list of States and Territories, see the front matter of this publication.

<sup>6</sup> For a complete list of States and Territories, see the front matter of this publication.

<sup>7</sup> For a complete list of States and Territories, see the front matter of this publication.

<sup>8</sup> For a complete list of States and Territories, see the front matter of this publication.

<sup>9</sup> For a complete list of States and Territories, see the front matter of this publication.

<sup>10</sup> For a complete list of States and Territories, see the front matter of this publication.

## 1958 CENSUS OF MANUFACTURES

Table 3.--QUANTITY AND VALUE OF CARPETS AND RUGS, EXCEPT WOOL, SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Carpets and Rugs, Except Wool Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	1958			1954			
		Total production (1,000 sq. yds.)	Total shipments including interplant transfers		Total production (1,000 sq. yds.)	Total shipments including interplant transfers		
			Quantity (1,000 sq. yds.)	Value (\$1,000)		Quantity (1,000 sq. yds.)	Value (\$1,000)	
2273----	Carpets and rugs, except wool, total <sup>1</sup> .....	(NA)	(NA)	317,960	77,274	74,506	192,019	
22731--	Tufted carpets and rugs.....	(NA)	(NA)	255,485	56,544	54,411	147,425	
2273113	Automobile and aircraft floor covering:	6,663	6,518	12,521	56,544	54,411	147,425	
2273117	Rayon or acetate, wholly or chiefly.....							
2273117	Other fibers.....							
	Tufted carpets and rugs, except automobile and aircraft floor covering:							
	4' X 6' or smaller, including bathmats and bathmat sets:							
2273121	Cotton, wholly or chiefly.....	25,014	24,492	40,371	56,544	54,411	147,425	
2273123	Rayon or acetate, wholly or chiefly.....	10,552	9,950	21,994				
2273127	Wholly or chiefly other man-made fibers.....	2,030	1,833	4,834				
	Larger than 4' X 6', including roll goods:							
2273131	Cotton, wholly or chiefly.....	8,941	9,596	20,944				
2273133	Rayon or acetate, wholly or chiefly.....	32,623	31,641	86,460				
2273137	Wholly or chiefly other man-made fibers.....	13,943	13,629	65,129				
2273100	Tufted carpets and rugs, not specified by kind.....	(NA)	(NA)	3,532				
22732--	Woven carpets and rugs, except automobile and aircraft floor covering: <sup>1</sup>	(NA)	(NA)	26,349	5,477	5,517	16,238	
2273221	Man-made fibers, wholly or chiefly.....	4,178	4,126	21,394	1,716	1,683	4,814	
2273231	Cotton, wholly or chiefly.....	980	985	4,414	3,761	3,834	11,424	
2273200	Fiber not specified.....	(NA)	(NA)	541	...	...	...	
22733--	Woven automobile and aircraft floor covering and all other carpets and rugs <sup>2</sup> .....	(NA)	(NA)	26,636	15,253	14,578	28,356	
2273321	Woven automobile and aircraft floor covering.....	(2)	(2)	3,686	3,686	3,583	10,105	
2273331	Braided rugs made from rugs, jute, flax, straw, coir, paper etc.	3,056	3,079	10,113	11,567	10,995	18,251	
2273341	Other rugs of rag, jute, flax, straw, coir, paper, etc:	6,785	6,949	14,380				
2273398	Knitted carpets and rugs not containing wool.....							
2273300	Other carpets and rugs not specified by kind.....	(NA)	(NA)	2,143				
2273000	Carpets and rugs, except wool, not specified by kind.....	(NA)	(NA)	5,934	...	...	...	
2273411	Receipts for commission finishing of tufted carpets and rugs owned by others.....	xxx	xxx	3,556	xxx	xxx	(NA)	

NA Not available.

xxx Not applicable.

<sup>1</sup>Carpets and rugs containing any wool are classified in 2271.

<sup>2</sup>For 1958 code 2273321 is included with code 2273300.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1960

MC(P)-22E-1

### STRAW HATS INDUSTRY

(Industry Code 2283 SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Straw Hats Industry made products valued at \$20 million, a decrease of 14 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 9 percent from 1954 to 1958 to a total of 2.1 thousand employees in 1958. Value added by manufacture in the industry amounted to \$10 million in 1958, a decrease of 14 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FROM THE STRAW HAT INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2283)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	2.1	2.3	-9
Payroll.....	Million dollars...	6.4	6.8	-2
Production workers:				
Number.....	Thousands.....	1.7	2.0	-15
Man-hours.....	Millions.....	1.3	1.1	18
Wages.....	Million dollars...	4.6	5.3	-13
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	10.0	11.6	-14
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	10.0	11.7	-14
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	10.1	11.8	-14
Value of production <sup>5</sup> .....	..do.....	20.5	23.7	-14
Capital expenditures, new.....	..do.....	0.6	..	NA
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	24	25	-4

NA Not available.

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchases and sales of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports from all establishments, including those with less than 20 employees, classified in the industry.

GROUP 23



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C. and U.S. Department of Commerce Field Offices 10 cents  
Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Straw Hats Industry includes establishments engaged primarily in the manufacture of straw hat bodies, in manufacturing finished straw hats from hat bodies produced in the same establishment, and in manufacturing men's and boys' finished straw hats from purchased hat bodies. Establishments primarily engaged in manufacturing millinery from purchased straw hat bodies are classified in Industry 2351 "Millinery." This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Straw Hats Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Straw Hats Industry amounted to \$20 million. Of this total, \$16 million were products primary to the industry, \$2 million were products primary to other industries, and \$2 million were receipts for miscellaneous activities. The industry shipments of primary products represented 87 percent of the total manufactured product shipments (pri-

mary and secondary). The 1954 ratio was also 87 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$20 million of straw hats were made by all producers of these products. Of this total, \$16 million, or 82 percent were made by plants classified in Industry 2383 Straw Hats while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these report and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

Region and State <sup>1</sup>	1958							1957			
	All employees		Production workers			Value added by manufacture		Capital expenditures, new	No. of establishments with 10 or more employees	All establishments, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)				
United States	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
New England	100	100	100	100	100	100	100	100	100	100	100
Middle Atlantic	100	100	100	100	100	100	100	100	100	100	100
South Atlantic	100	100	100	100	100	100	100	100	100	100	100
East South Central	100	100	100	100	100	100	100	100	100	100	100
West South Central	100	100	100	100	100	100	100	100	100	100	100
Mountain	100	100	100	100	100	100	100	100	100	100	100
Pacific	100	100	100	100	100	100	100	100	100	100	100

<sup>1</sup>Manufacturing establishments are reported separately in the above table, was withheld, either to avoid disclosure of confidential information, or because the industry was of relatively minor economic importance in the State. Additional publication detail will appear in the final annual report on this industry.

<sup>2</sup>Value of products less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of the unadjusted value added, plus or minus the difference resulting from changes in work-in-process and finished goods inventories, plus or minus the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for Number of establishments with 10 or more employees, the figures shown in the table are based on reports for all establishments including those with less than 10 employees classified in the industry.

TABLE 1.—QUANTITY AND VALUE OF STRAW HATS MADE BY ALL ESTABLISHMENTS IN THE UNITED STATES: 1958 and 1954

Includes quantity and value of these products reported not only by establishments classified in the "straw hats" industry, but also by establishments making these items as "secondary" products in other industries. (See text under "Value of production.")

Product code	Description	Total production			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2300	Straw Hats, Total.....	xxx	1,000	xxx	1,000
	Finished straw hats, excluding millinery:				
	Men's and boys':				
	Crowned brim:				
	Quantity reported.....	xxx	1,000	xxx	1,000
	Quantity not reported.....	xxx	1,000	xxx	1,000
	Woven body.....	xxx	1,000	xxx	1,000
	Women's and children's.....	xxx	1,000	xxx	1,000
	Harvest hats.....	xxx	1,000	xxx	1,000
	Straw hats, not specified by kind.....	xxx	1,000	xxx	1,000

xxx Not applicable.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-22E-2

### FUR-FELT HATS AND HAT BODIES INDUSTRY

(Industry Code 2281--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Fur-felt Hats and Hat Bodies Industry made products valued at \$68 million, a decrease of 7 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 23 percent from 1954 to 1958 to a total of 6.3 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$37 million in 1958, a decrease of 3 percent from 1954 when the previous

census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE FUR-FELT HATS AND HAT BODIES INDUSTRY, IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2281)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	6.3	8.2	-23
Payroll.....	Million dollars...	24.7	27.3	-10
Production workers:				
Number.....	Thousands.....	7.2	7.0	+2
Man-hours.....	Millions.....	9.1	12.2	-26
Wages.....	Million dollars...	18.5	21.3	-13
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	37.0	39.2	-6
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	37.2	38.2	-3
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	30.7	33.6	-9
Value of production <sup>5</sup> .....	..do.....	68.3	73.3	-7
Capital expenditures, net.....	..do.....	(7)	1.0	NA
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	36	45	-20

NA Not available.

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

<sup>7</sup>Less than \$500 thousand.

GROUP 23



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Fur-felt Hats and Hat Bodies Industry includes establishments engaged primarily in the manufacture of fur-felt hat bodies from hatters' fur, and finished fur-felt hats from hat bodies produced in the same establishment, and in manufacturing men's and boys' finished fur-felt hats from purchased hat bodies. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in the Fur-felt Hats and Hat Bodies Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Fur-felt Hats and Hat Bodies Industry amounted to \$68 million. Of this total, \$60 million were products primary to the industry, \$6 million were products primary to other industries, and \$2 million were receipts for miscellaneous activities. The industry production of primary products represented 92 percent of the total manufactured products (primary and secondary). The 1954 ratio was also 92 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$62 million of fur-felt hats and hat bodies were made by all producers of these products. Of this total, \$60 million, or 98 percent, were made by plants classified in the Fur-felt Hats and Hat Bodies Industry while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of productions, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the productions by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



Table 2.—GENERAL STATISTICS FOR THE FUR- FELT HAT AND HAT BODIES INDUSTRY, SELECTED STATES, 1958, BY REGION AND STATE

Region and State <sup>1</sup>	1958										1957	
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>					
United States, total.....	6,255	24,656	5,225	9,128	18,476	37,000	37,248	68,296	381	36	8,180	39,100
New England.....	2,562	10,444	2,153	3,488	8,058	16,925	16,571	27,923	86	13	3,724	16,130
Middle Atlantic.....	2,770	11,103	2,303	4,094	8,215	14,855	15,076	27,555	176	16	3,088	16,793
New York.....	452	1,542	361	644	1,213	3,122	3,128	5,971	"	"	504	2,487
New Jersey.....	89	226	81	136	196	307	314	625	"	2	17	57
Pennsylvania.....	2,229	9,335	1,861	3,314	6,806	11,426	11,634	20,959	"	"	2,410	13,608
North Central.....	242	624	230	472	571	1,225	1,390	3,795	...	3	370	1,152
South and West.....	681	2,495	539	1,074	1,632	3,995	4,211	9,023	119	4	997	5,083
Texas.....	644	2,392	514	1,039	1,970	3,842	4,018	8,586	116	4	867	4,514

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF FUR-FELT HATS AND HAT BODIES MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

<sup>1</sup>Includes quantity and value of these products reported not only by establishments classified in the Fur-Felt Hats and Hat Bodies Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production"

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 dozen)	Sales value (\$1,000)	Quantity (1,000 dozen)	Sales value (\$1,000)
2281---	Fur-felt hats and bodies, total.....	xxx	61,654	xxx	66,836
2281011	Fur-felt hat bodies made for sale as such:				
2281015	Men's and boys'.....	460	9,006	441	7,520
	Women's and children's.....	192	2,868	391	5,552
2281051	Fur-felt finished hats, excluding millinery:				
2281055	Men's and boys'.....	701	47,769	858	51,748
	Women's and children's.....	27	862	18	401
2281000	Fur-felt hats and bodies, not specified by kind.....	xxx	1,149	xxx	1,215

xxx Not applicable.

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25. D. C.  

---

OFFICIAL BUSINESS

Postage and Fees Paid  
U. S. Department of Commerce

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-22E-3

### WOOL-FELT HATS AND HAT BODIES INDUSTRY

(Industry Code 2282—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Wool-Felt Hats and Hat Bodies Industry made products valued at \$14 million, an increase of 1 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment of 1.8 thousand employees remained the same from 1954 to 1958. Adjusted value added by manufacture in the industry amounted to \$8 million in 1958, an increase of 25 percent from 1954 when the previous census was taken. Value added is derived by

subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE WOOL-FELT HATS AND HAT BODIES INDUSTRY, IN THE UNITED STATES: 1958 and 1954

(Standard Industrial Classification Code 2282)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	1.8	1.8	...
Payroll.....	Million dollars...	5.5	5.0	+10
Production workers:				
Number.....	Thousands.....	1.7	1.6	+6
Man-hours.....	Millions.....	3.0	2.8	+7
Wages.....	Million dollars...	4.4	3.9	+13
Value added by manufacture, unadjusted <sup>2</sup> .....	...do.....	8.5	7.3	+16
Value added by manufacture, adjusted <sup>3</sup> .....	...do.....	8.4	6.7	+25
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	...do.....	5.9	7.0	-16
Value of production <sup>5</sup> .....	...do.....	14.4	14.3	+1
Capital expenditures, new.....	...do.....	0.9	...	(NA)
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	9	11	-18

NA Not available.

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

GROUP 23

The Wool-Felt Hats and Hat Bodies Industry includes establishments engaged primarily in the manufacture of wool-felt hat bodies from raw wool and wool waste, wool-felt hats from hat bodies produced in the same establishment and men's and boys' finished wool-felt hats from purchased hat bodies. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Wool-Felt Hats and Hat Bodies Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Wool-Felt Hats and Hat Bodies Industry amounted to \$14 million.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing

in table 3, indicates that \$12 million of wool-felt hats and hat bodies were made by all producers of these products. Of this total, \$11 million, or 92 percent, were made by plants classified in Industry 2282, Wool-Felt Hats and Hat Bodies while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the productions by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1956, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 CENSUS OF MANUFACTURES

TABLE 2.—GENERAL STATISTICS FOR THE WOOL-FELT HATS AND HAT BODIES INDUSTRY (S.I.C. CODE 2680), BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
All regions, total.....	1,809	5,462	1,667	3,011	4,376	8,496	8,405	14,390	85	9	1,750	7,250
Pennsylvania.....	755	2,456	682	1,231	1,813	4,015	3,936	6,705	35	3	638	2,432

<sup>1</sup>Each producing State not shown separately in the above table was withheld either "a" to avoid disclosing figures for individual companies, in this or associated industries or areas, or "b," because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of "a," unadjusted value added, plus "b," the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus "c," the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees, classified in the industry.

## QUANTITY AND VALUE OF WOOL-FELT HATS AND HAT BODIES MADE BY ALL PRODUCERS, IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported separately by establishments classified in the Wool-Felt Hats and Hat Bodies Industry and also by establishments making these items as "secondary" products in other industries. See text under "Value of production")

Product code	Product	Total production			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2282—	Wool-felt hats and hat bodies, total.....	xxx	11,930	xxx	10,664
2282012	Wool-felt hat bodies, made for sale as such.....	xxx	1,011	xxx	7,531
2282021	Wool-felt finished hats, exclusive millinery: Men's and boys'.....	27	5,441	17	4,410
2282025	Women's and children's.....	63	977	(NA)	1,276
2282000	Wool-felt hats and hat bodies, not specified by kind.....	xxx	429	xxx	643

xxx Not applicable.

NA Not available.

**DEPARTMENT OF COMMERCE**

**BUREAU OF THE CENSUS**

**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

Postage and Fees Paid

U. S. Department of Commerce

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC (P) -22E-4

### HATTER'S FUR INDUSTRY

(Industry Code 2284—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Hatter's Fur Industry made products valued at \$8 million, a decrease of 22 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 25 percent from 1954 to 1958 to a total of 0.6 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$3 million in 1958, a decrease of 13 percent from 1954 when the previous census was

taken. Adjusted value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE HATTER'S FUR INDUSTRY, IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2284)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	0.6	0.8	-25
Payroll.....	Million dollars...	2.2	2.7	-8
Production workers:				
Number.....	Thousands.....	0.6	0.7	-14
Man-hours.....	Millions.....	1.1	1.3	-15
Wages.....	Million dollars...	1.7	1.7	...
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	3.4	3.9	-13
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	3.4	3.9	-13
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	4.6	6.4	-28
Value of production <sup>5</sup> .....	..do.....	8.0	11.3	-29
Capital expenditures, new.....	..do.....	(7)	(7)	(NA)
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	8	11	-27

NA Not available.

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Alaska and Hawaii were not included until 1959. They will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

<sup>7</sup>Less than \$100,000.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

GROUP 23

The Hatter's Fur Industry includes establishments engaged primarily in the manufacture of hatter's fur for use as material in manufacturing fur-felt bodies. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Hatter's Fur Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Hatter's Fur Industry amounted to \$8 million. Of this total, \$7 million were products primary to the industry, a negligible amount were products primary to other industries, and \$1 million were receipts for miscellaneous activities. The industry production of primary products represented 98 percent of the total manufactured production (primary and secondary). The 1954 ratio was 95 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$7 million of hatter's fur were produced by all producers of these products. Of this total, almost all were produced by plants classified in Industry 2284, Hatter's Fur.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



To: J. J. JENSEN, STATE POLICE, 1000 MATTER 3 PM, INDUSTRY, C.I.C. CODE 2024, 1000 MATTER 3 PM, INDUSTRY

Product code	Product	1958			
		1958		1954	
		Quantity 1,000 tons	Value (\$1,000)	Quantity 1,000 tons	Value (\$1,000)
111	111	111	111	111	111
112	112	112	112	112	112
113	113	113	113	113	113
114	114	114	114	114	114
115	115	115	115	115	115
116	116	116	116	116	116
117	117	117	117	117	117
118	118	118	118	118	118
119	119	119	119	119	119
120	120	120	120	120	120
121	121	121	121	121	121
122	122	122	122	122	122
123	123	123	123	123	123
124	124	124	124	124	124
125	125	125	125	125	125
126	126	126	126	126	126
127	127	127	127	127	127
128	128	128	128	128	128
129	129	129	129	129	129
130	130	130	130	130	130
131	131	131	131	131	131
132	132	132	132	132	132
133	133	133	133	133	133
134	134	134	134	134	134
135	135	135	135	135	135
136	136	136	136	136	136
137	137	137	137	137	137
138	138	138	138	138	138
139	139	139	139	139	139
140	140	140	140	140	140
141	141	141	141	141	141
142	142	142	142	142	142
143	143	143	143	143	143
144	144	144	144	144	144
145	145	145	145	145	145
146	146	146	146	146	146
147	147	147	147	147	147
148	148	148	148	148	148
149	149	149	149	149	149
150	150	150	150	150	150
151	151	151	151	151	151
152	152	152	152	152	152
153	153	153	153	153	153
154	154	154	154	154	154
155	155	155	155	155	155
156	156	156	156	156	156
157	157	157	157	157	157
158	158	158	158	158	158
159	159	159	159	159	159
160	160	160	160	160	160
161	161	161	161	161	161
162	162	162	162	162	162
163	163	163	163	163	163
164	164	164	164	164	164
165	165	165	165	165	165
166	166	166	166	166	166
167	167	167	167	167	167
168	168	168	168	168	168
169	169	169	169	169	169
170	170	170	170	170	170
171	171	171	171	171	171
172	172	172	172	172	172
173	173	173	173	173	173
174	174	174	174	174	174
175	175	175	175	175	175
176	176	176	176	176	176
177	177	177	177	177	177
178	178	178	178	178	178
179	179	179	179	179	179
180	180	180	180	180	180
181	181	181	181	1	

U. S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC (P) -22F-1

### COATED FABRICS, EXCEPT RUBBERIZED INDUSTRY

(Industry Code 2295--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Coated Fabrics, Except Rubberized, Industry shipped products valued at \$253 million, an increase of 18 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 23 percent from 1954 to 1958 to a total of 10,5 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$103 million in 1958, an increase of 29 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE COATED FABRICS, EXCEPT RUBBERIZED, INDUSTRY IN THE UNITED STATES: 1954 AND 1958

Standard Industrial Classification Code 2295

Item	Unit of measure	1958 <sup>1</sup>	1954	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	10.5	8.6	+23
Payroll.....	Million dollars.....	100	80	+25
Production workers:				
Number.....	Thousands.....	9.5	7.8	+22
Man-hours.....	Millions.....	1,200	1,000	+20
Average.....	Million 1954 hr.....	12.6	12.8	-2
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	100	78	+29
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	103	80	+29
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	150	120	+25
Cost of shipment <sup>5</sup> .....	..do.....	25	20	+25
Capital expenditures, net <sup>6</sup> .....	..do.....	20	15	+33
Number of establishments with 20 or more employees <sup>7</sup> .....	Number.....	100	80	+25

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. In Alaska and Hawaii were not known until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the change in price levels from 1954 to 1958, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for Number of establishments with 20 or more employees, the figures shown in the table are based on reports from establishments reporting those with less than 20 employees classified in the industry.

GROUP 23



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Coated Fabrics, Except Rubberized, Industry includes establishments engaged primarily in the manufacture of artificial leather, oil cloth and other coated and impregnated fabrics, and in the special finishing of textiles such as the waxing of cloth and the varnishing of cambric and buckram. Establishments engaged primarily in manufacturing coated and processed paper, including varnished and leatherette paper, are classified in Industry 2641, Paper Coating and Glazing; and those manufacturing rubberized fabrics in Industry 3099, Rubber Industries, Not Elsewhere Classified. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Coated Fabrics, Except Rubberized, Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Coated Fabrics, Except Rubberized Industry amounted to \$253 million. Of this total \$200 million were products primary to the industry, \$41 million were products primary to other industries, and \$13 million were receipts for miscellaneous activities. The industry shipments of primary products represented 83 percent of the total manufactured product ship-

ments (primary and secondary). The 1954 ratio was 86 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$247 million of coated fabrics except rubberized were shipped by all producers of these products. Of this total, \$200 million, or 81 percent, were shipped by plants classified in Industry 2295, Coated Fabrics, Except rubberized, while the remainder was shipped by plants classified of other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



TABLE 2.—GENERAL STATISTICS FOR THE COATED FABRICS, EXCEPT RUBBERIZED, INDUSTRY (C.I.C. CODE 2295), BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>					
United States, total.....	10,553	56,024	7,499	16,188	35,290	102,520	102,711	253,226	9,685	24	8,547	80,294
New England.....	3,221	15,198	2,358	5,013	10,174	30,609	31,152	77,302	1,430	23	1,854	13,130
Massachusetts.....	2,222	10,735	1,534	3,405	6,890	22,176	22,650	56,917	889	16	1,285	9,741
Rhode Island.....	450	1,859	351	700	1,341	3,009	3,004	8,659	210	4	341	2,074
Middle Atlantic.....	3,261	18,368	2,311	4,957	11,134	31,027	30,426	74,815	2,526	23	3,585	29,715
New Jersey.....	1,799	10,563	1,277	2,884	6,183	15,627	15,573	42,197	975	14	1,933	15,397
North Central.....	3,432	19,338	2,339	5,126	11,870	34,339	34,520	84,384	4,915	10	2,832	33,757
Ohio.....	2,105	12,008	1,368	2,784	7,153	24,143	23,941	53,262	(D)	5	1,595	22,513
South and West.....	629	3,120	491	1,092	2,112	6,545	6,613	16,725	214	8	324	3,711

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF COATED FABRICS, EXCEPT RUBBERIZED, SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Coated Fabrics, Except Rubberized, Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers				
		Total production (1,000 lin. yds.)	1958		1954	
			Quantity (1,000 lin. yds.)	Value (\$1,000)	Quantity (1,000 lin. yds.)	Value (\$1,000)
2295---	Coated fabrics, except rubberized, total.....	xxx	xxx	246,741	xxx	215,204
22951--	Pyroxylin-coated materials (except paper).....	66,032	64,378	38,657	85,143	49,050
	On a textile base (excluding shade cloth):					
2295111	Light cotton fabrics (print cloths, sheetings etc.).....	35,458	34,070	19,477	26,498	15,636
2295115	Heavy cotton fabrics (ducks, drills, twills, sateens, etc.).....	7,021	6,594	6,366	16,476	13,519
2295119	Fabrics other than cotton.....					
2295171	Shade cloth.....	21,902	22,063	11,499	42,169	19,895
2295198	Other pyroxylin coated materials (except paper).....	...	...	...		
2295100	Pyroxylin-coated materials, not specified by kind.....	1,951	1,651	1,315	...	...
22952--	Resin-coated fabrics.....	...	...	120,210	91,756	115,866
2295211	Light-weight fabrics (finished wt. 10 oz. and under per sq. yd.)....	19,069	18,435	13,666	23,929	19,548
2295251	Heavy-weight fabrics (finished wt. over 10 oz. per sq. yd.).....	75,942	75,780	104,384	67,827	96,318
2295200	Resin coated fabrics, not specified by kind.....	xxx	xxx	2,160	...	...
22953--	Other impregnated and coated fabrics (except rubber coated).....	...	...	82,892	xxx	50,288
2295311	Varnished insulating fabrics.....	...	...	6,257	xxx	9,218
2295351	Plastic laminated sheets on a textile or random fiber.....	29,987	28,110	24,869		
2295398	Other impregnated and coated fabrics.....	xxx	xxx	50,923	xxx	41,070
2295300	Other impregnated and coated fabrics (except rubber coated) not specified by kind.....	xxx	xxx	838		
2295000	Coated fabrics, except rubberized, not specified by kind.....	xxx	xxx	4,982	...	...

xxx Not applicable.

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25. D. C.  

---

OFFICIAL BUSINESS

Postage and Fees Paid  
U. S. Department of Commerce

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-22F-2

### FELT GOODS, N.E.C., INDUSTRY

(Industry Code 2291—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, adjusted value added by manufacture in the Felt Goods, Not Elsewhere Classified, Industry amounted to \$44 million in 1958, an increase of 4 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Value added is derived by subtracting the cost of materials, fuels, etc. from shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by

others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. Average employment in this industry showed a decrease of 24 percent from 1954 to 1958 to a total of 4.6 thousand employees in 1958. Products shipped were valued at \$95 million, a decrease of 6 percent from 1954 when the previous census was taken. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE FELT GOODS, N.E.C., INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2291)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	4.6	6.0	-24
Payroll.....	Million dollars...	21.3	23.4	-9
Production workers:				
Number.....	Thousands.....	3.6	5.2	-30
Man-hours.....	Millions.....	7.7	10.8	-28
Wages.....	Million dollars...	15.4	18.1	-15
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	44.6	41.7	+7
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	44.4	42.6	+4
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	50.2	59.5	-16
Value of shipments <sup>5</sup> .....	..do.....	95.4	101.7	-6
Capital expenditures, new.....	..do.....	1.1	1.6	-32
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	28	33	-15

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

GROUP 23

The Felt Goods, N.E.C., Industry includes establishments engaged primarily in the manufacture of insulating and automotive felts, under-rug mats, and other felt goods, from wool, hair, and jute, by means of heat, moisture, and pressure, or by the needle-loom process. Establishments primarily engaged in manufacturing wool woven felts and haircloth are classified in Census Industry 2213, Woolen and Worsted Fabrics; felt hats in Group 228, Hats, Except Cloth and Millinery; and building paper felt in Industry 2613, Building Paper and Board Mills. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Felt Goods, N.E.C., Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Felt Goods, N.E.C., Industry amounted to \$95 million. Of this total, \$83 million were products primary to the industry, \$8 million were

products primary to other industries, and \$4 million were receipts for miscellaneous activities. The industry shipments of primary products represented 91 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 90 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$94 million of felt goods, n.e.c., were shipped by all producers of these products. Of this total, \$83 million, or 88 percent, were shipped by plants classified in Industry 2291, Felt Goods, N.E.C., while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

Table 2.--GENERAL STATISTICS FOR THE FELT GOODS, N.E.C., INDUSTRY (S.I.C. CODE 2291) BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup>	Adjusted <sup>3</sup>					
United States, total.....	4,573	21,268	3,625	7,749	15,755	44,491	44,443	95,435	1,399	27	5,987	...
New England.....	1,235	5,634	1,016	2,187	4,411	10,656	10,795	21,971	377	0	1,262	9,447
Middle Atlantic.....	1,295	6,049	1,057	2,439	4,362	13,526	13,249	29,615	302	7	1,463	1,000
Pennsylvania.....	281	1,635	233	496	1,011	3,969	4,043	9,504	97	1	545	4,186
North Central.....	1,127	5,407	766	1,713	3,609	11,711	11,379	24,256	289	7	1,813	13,148
Illinois.....	702	3,344	418	933	1,960	7,883	7,691	16,599	171	4	1,076	8,441
South.....	297	926	277	535	704	1,690	1,807	4,214	60	2	986	4,367
Pacific.....	619	3,182	509	1,205	2,369	7,008	7,213	15,379	71	4	461	4,729
California.....	619	3,182	509	1,205	2,369	7,008	7,213	15,379	71	4	461	4,729

<sup>1</sup>Even processing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in the case of limited industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publication will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and direct work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

Table 3.--QUANTITY AND VALUE OF FELT GOODS, N.E.C., SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Felt Goods, N.E.C., Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	1958				1954	
		Total production (1,000 lbs.)	Total shipments including interplant transfers		Total shipments including interplant transfers	Quantity (1,000 lbs.)	Value (\$1,000)
			Quantity (1,000 lbs.)	Value (\$1,000)			
2291----	Felt goods, N.E.C., except woven felts and hats, total.....	(NA)	(NA)	94,146	280,674	89,094	
2291011	Pressed wool felts:						
2291019	Industrial felts (1/8" thick and over).....	9,226	9,075	14,820	12,336	19,121	
	Other pressed wool felts.....	8,353	8,462	12,578	8,152	16,212	
2291051	Punched or needled felt (hair and jute):						
2291053	Carpet and rug linings and cushions.....	197,438	198,160	44,644	157,654	34,684	
2291058	Automotive felts.....	46,247	44,711	10,962	64,482	10,962	
	Other punched or needled felt.....	24,744	24,323	7,181	38,050	8,115	
2291000	Felt goods except woven felts and hats, not specified by kind.....	xxx	...	4,061	xxx	...	

NA Not available.

xxx Not applicable.

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-22F-3

### LACE GOODS INDUSTRY

(Industry Code 2292—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, adjusted value added by manufacture in the Lace Goods Industry amounted to \$34 million in 1958, a decrease of 9 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is

for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. Average employment in this industry showed a decrease of 9 percent from 1954 to 1958 to a total of 6.8 thousand employees in 1958. Products shipped were valued at \$64 million, an increase of 3 percent from 1954 when the previous census was taken. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE LACE GOODS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2292)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
<b>All employees:</b>				
Number.....	Thousands.....	6.8	7.4	-9
Payroll.....	Million dollars...	26.0	26.1	-1
<b>Production workers:</b>				
Number.....	Thousands.....	5.8	6.6	-11
Man-hours.....	Millions.....	10.5	12.5	-16
#ages.....	Million dollars...	19.6	20.5	-4
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	37.2	37.7	-1
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	34.1	37.6	-9
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	26.9	23.8	+13
Value of shipments <sup>5</sup> .....	..do.....	63.8	61.8	+3
Capital expenditures, new.....	..do.....	1.4	1.9	-29
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	68	62	+10

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

GROUP 23



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Lace Goods Industry includes establishments engaged primarily in the manufacture of lace machine products such as levers laces, bobbinet, Nottingham lace (curtain nets, curtains, bedspreads, table covers), and Barmen lace. This industry also include establishments primarily engaged in dyeing and finishing lace goods. Establishments primarily engaged in manufacturing machine embroideries are classified in Industry 2397, Schiffli-Machine Embroideries, or Industry 2398, Embroideries, Except Schiffli. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Lace Goods Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Lace Goods Industry amounted to \$64 million. Of this total \$59 million were products primary to the industry, \$1 million were products primary to other industries, and \$4 million were receipts for miscellaneous activities. The industry shipments of primary products represented 99 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was also 99 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$63 million of lace goods were shipped by all producers of these products. Of this total, \$59 million, or 95 percent, were shipped by plants classified in Industry 2292, Lace Goods, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## Table 4.—GENERAL STATISTICS FOR THE LACE GOODS INDUSTRY (S.I.C. CODE 2292) BY REGIONS AND STATE: 1953 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Lace Goods industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

<sup>3</sup>Represents the total commission receipts received by establishments classified in Industry 2292. It is not strictly comparable with the 1958 figure which represents commission dyeing and finishing of lace goods regardless of the industry in which performed.

GROUP 23

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1958

MC(P)-22F-4

### CORDAGE AND TWINE INDUSTRY

(Industry Code 2298--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Cordage and Twine Industry shipped products valued at \$141 million, a decrease of 14 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufacturers conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 23 percent from 1954 to 1958 to a total of 9.6 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$65 million in 1958, a decrease of 12 percent from 1954 when the previ-

ous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE CORDAGE AND TWINE INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2298)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	9.6	12.3	-23
Payroll.....	Million dollars...	33.0	37.4	-12
Production workers:				
Number.....	Thousands.....	8.2	10.7	-24
Man-hours.....	Millions.....	15.6	20.6	-24
Wages.....	Million dollars...	24.6	28.1	-13
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	64.9	77.3	-16
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	64.5	73.5	-12
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	75.4	85.2	-12
Value of shipments <sup>5</sup> .....	..do.....	140.8	162.7	-14
Capital expenditures, new <sup>6</sup> .....	..do.....	1.6	2.6	-39
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	71	75	-5

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

GROUP 23

The Cordage and Twine Industry includes establishments engaged primarily in the manufacture of rope, cable, cordage, twine, nets, and seines and related goods, from hemp, jute, cotton, paper, flax, and other fibres. Establishments primarily engaged in manufacturing cotton yarns for cordage, rope and twine are classified in Industry 2224, Yarn Mills, Cotton System; and Linen Nets and Seines in Industry 2229, Textile Goods, N.E.C. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Cordage and Twine Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Cordage and Twine Industry amounted to \$141 million. Of this total, \$122 million were products primary to the industry, \$13 million were products primary to other industries, and \$6 million were receipts for miscellaneous activities. The industry shipments of primary

products represented 91 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 90 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$133 million of cordage and twine were shipped by all producers of these products. Of this total, \$122 million, or 92 percent, were shipped by plants classified in Industry 2298, Cordage and Twine, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL SUMMARY, BY THE COUNTY AND TRADE INDUSTRIES (S.I.C.)—1958

Region and State <sup>1</sup>	1956								1954			
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	9,452	32,977	8,162	17,445	24,344	24,877	24,914	24,914	1,141	11	12,107	11,208
New England.....	1,817	6,094	1,455	2,776	4,493	12,115	12,400	26,411	449	14	2,108	1,344
Massachusetts.....	1,377	4,402	1,090	1,977	3,418	9,441	9,760	14,308	725	47	1,473	1,311
Middle Atlantic.....	2,843	11,429	2,317	4,793	7,688	18,117	17,510	42,944	244	16	1,424	1,154
New York.....	1,948	7,481	1,584	3,161	5,270	11,779	11,275	28,449	328	10	2,352	1,184
New Jersey.....	426	2,254	372	734	1,312	4,146	3,842	8,674	116	2	483	4,518
Pennsylvania.....	459	1,690	361	699	1,116	2,298	2,393	7,721	39	4	488	7,448
South Atlantic.....	1,690	4,908	1,275	2,999	4,309	10,628	10,260	23,738	133	12	2,579	1,514
North Carolina.....	982	2,763	938	1,730	3,000	6,431	6,179	13,113	17	7	1,043	5,503
East South Central.....	1,401	3,948	1,307	2,386	3,430	9,018	9,090	17,349	203	2	1,678	8,763
West South Central.....	601	1,837	535	985	1,714	5,301	5,490	11,388	189	4	867	7,094
Pacific.....	440	1,814	337	691	1,124	4,512	4,525	9,104	156	6	496	3,647
California.....	381	1,585	289	590	948	4,021	4,654	8,484	111	5	388	3,062

<sup>1</sup>Each producing State not shown separately in the above table was with one or more other States to avoid disclosing figures for individual companies, in the or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional partial data will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments in manufacturing those with less than 20 employees classified in the industry.

Table 3.--QUANTITY AND VALUE OF CORDAGE AND TWINE SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Cordage and Twine Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)
2298---	Cordage and twine, total.....	xxx	132,917	403,996	159,853
22981--	Hard fiber cordage and twine.....	xxx	52,260	249,343	64,759
	Hard fiber cordage:				
	Abaca rope and cable:				
2298111	3/4 inch diameter and larger.....	47,665	17,760	52,498	19,004
2298115	Less than 3/4 inch diameter.....	20,825	8,561	22,146	8,805
2298122	Agave rope and cable.....			17,147	5,473
2298129	Other hard fiber rope and cable.....	14,999	4,350	5,077	1,265
	Hard fiber twine:				
2298131	Binder twine.....	5,658	948	16,782	2,999
2298133	Baler twine.....	(1)	(1)	113,225	22,094
2298135	Wrapping or tying twines.....	18,925	4,291	21,203	4,717
2298139	Other hard fiber twine including twine and cord made of hard fiber and paper.....	187,753	14,918	1,265	402
2298100	Hard fiber cordage and twine, not specified by kind.....	xxx	1,432	...	...
22982--	Soft fiber cordage and twine, except cotton.....	xxx	34,825	76,563	42,486
2298211	For net making and net repairing.....	(2)	(2)	1,232	3,597
	Fishline:				
2298231	Nylon.....	1,502	7,802	330	8,355
2298241	Other fibers.....	340	3,979	176	1,728
2298251	Man-made fiber rope.....	3,426	5,701	1,325	3,254
	For wrapping and other uses, wholly or chiefly by weight of:				
2298223	Jute.....	12,857	4,641	25,317	8,096
2298225	Paper.....	12,535	3,011	26,149	6,458
2298227	Other soft fibers, except cotton.....				
2298200	Soft fiber cordage and twine, except cotton, not specified by kind.....	(NA)	9,691	22,034	10,998
22983--	Cotton cordage and twine.....	xxx	40,311	78,090	52,608
2298311	Braided cord.....	19,198	12,317	23,481	15,419
	Twine:				
2298321	Seine twine.....	5,026	3,625	9,299	7,320
2298331	Wrapping and other uses.....	22,681	11,681	39,020	22,092
2298341	Fishing netting.....			3,239	5,797
2298398	All other cotton cordage and twine.....	5,938	6,607	3,051	1,980
2298300	Cotton cordage and twine, not specified by kind.....	xxx	6,081	...	...
2298000	Cordage and twine, not specified by kind.....	xxx	5,521	...	...

NA Not available.

xxx Not applicable.

<sup>1</sup>For 1958, product code 2298133 is included with product code 2298139.<sup>2</sup>For 1958, product code 2298211 is included with product code 2298298 and 2298200.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-22F-5

### PADDING AND UPHOLSTERY FILLING INDUSTRY

(Industry Code 2293--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Padding and Upholstery Filling Industry shipped products valued at \$140 million, a decrease of 10 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 22 percent from 1954 to 1958 to a total of 7.1 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$57 million in 1958, a decrease of 9 percent from 1954 when

the previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE PADDING AND UPHOLSTERY FILLING INDUSTRY IN THE UNITED STATES: 1958 and 1954

(Standard Industrial Classification Code 2293)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	7.1	9.1	-22
Payroll.....	Million dollars...	29.5	33.0	-11
Production workers:				
Number.....	Thousands.....	5.9	7.8	-25
Man-hours.....	Millions.....	11.8	16.0	-26
Wages.....	Million dollars...	20.8	24.5	-15
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	55.9	61.5	-9
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	57.2	62.6	-9
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	82.2	93.2	-12
Value of shipments <sup>5</sup> .....	..do.....	139.6	155.7	-10
Capital expenditures, new.....	..do.....	2.4	3.5	-32
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	83	82	+1

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Included cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

GROUP 23

The Padding and Upholstery Filling Industry includes establishments engaged primarily in the manufacture of batting, padding, wadding, and upholstery, filling from curled hair, cotton, moss, hemp tow, flax tow, kapok, and related materials. Establishments primarily manufacturing hard fiber automotive and other pads are also included in this industry. Establishments primarily engaged in manufacturing excelsior pads and wrappers are classified in Industry 2425, Excelsior Mills. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Padding and Upholstery Filling Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Padding and Upholstery Filling Industry amounted to \$140 million. Of this total, \$122 million were products primary to the industry, \$10 million were products primary to other industries, and \$8 million were receipts for miscellaneous activities. The industry

shipments of primary products represented 92 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 91 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$138 million of padding and upholstery filling were shipped by all producers of these products. Of this total, \$121 million, or 88 percent, were shipped by plants classified in Industry 2293, Padding and Upholstery Filling, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



Table 2.--GENERAL STATISTICS FOR THE PADDING AND UPHOLSTERY FILLING INDUSTRY (S.I.C. CODE 2293), BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup>	Adjusted <sup>3</sup>					
United States, total.....	7,139	29,510	5,854	11,798	20,767	55,896	57,169	139,565	2,378	83	9,111	61,499
New England.....	501	2,091	382	798	1,271	3,991	4,102	8,546	125	6	580	3,314
Middle Atlantic.....	1,308	5,411	1,078	2,176	3,840	9,094	9,344	23,496	697	20	2,024	14,123
New York.....	729	3,075	600	1,209	2,186	4,995	5,093	13,560	323	11	848	5,315
East North Central.....	2,417	11,642	1,997	4,012	8,312	22,347	22,092	49,932	1,050	24	3,312	26,793
Ohio.....	628	3,081	516	1,064	2,390	5,858	5,727	11,718	279	4	685	6,687
Illinois.....	449	2,368	359	814	1,502	4,732	4,574	13,394	141	8	699	5,096
Michigan.....	848	4,054	716	1,336	2,914	6,694	6,829	15,521	190	7	1,346	10,262
West North Central.....	515	1,778	430	833	1,470	2,734	2,852	6,996	66	3	539	3,653
South.....	1,913	6,190	1,659	3,260	4,469	12,071	12,811	34,838	350	21	2,034	9,290
North Carolina.....	721	2,226	641	1,155	1,541	3,402	3,874	11,962	138	6	417	1,190
West.....	485	2,398	308	719	1,405	5,659	5,968	15,757	90	9	620	4,324
California.....	465	2,282	292	684	1,333	5,488	5,798	15,215	65	9	609	4,231

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--QUANTITY AND VALUE OF PADDING AND UPHOLSTERY FILLING SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Padding and Upholstery Filling Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)
2293---	Padding and upholstery filling, total.....	xxx	137,598	(NA)	149,417
2293013	Automotive pads excluding foam rubber and vinyl:				
2293015	Made from cotton linters, cotton waste and raw cotton.....	107,916	31,769	158,237	41,401
	Made from sisal and all other fibers:				
	Quantity reported.....	38,302	7,452		
	Quantity not reported.....	(NA)	1,365		
2293019	All other pads of hard fiber.....	33,143	6,334	(NA)	8,915
	Batting, wadding, and mattress felts:				
2293032	Made from cotton linters, cotton waste and raw cotton.....	223,636	44,945	(1)	68,146
2293039	Made from other fibers.....	51,649	12,957	38,349	7,687
	Upholstery filling:				
2293051	Curled hair.....	22,147	14,530	24,748	14,880
2293059	Other:				
	Quantity reported.....	34,635	6,102	36,901	6,763
	Quantity not reported.....	xxx	1,051	xxx	1,625
2293000	Padding and upholstery filling not specified by kind.....	xxx	11,093	...	...

NA Not available.

xxx Not applicable.

<sup>1</sup>In 1954, manufacturers shipments of batting, wadding, and mattress felts made of cotton waste or linters and waste mixed amounted to 248,708 thousand pounds valued at \$60,255 thousand.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-22F-6

### PROCESSED TEXTILE WASTE INDUSTRY

(Industry Code 2294-SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Processed Textile Waste Industry shipped products valued at \$93 million, a decrease of 5 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 20 percent from 1954 to 1958 to a total of 4.6 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$31 million in 1958, a decrease of 4 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE PROCESSED TEXTILE WASTE INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2294)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	4.6	5.8	-20
Payroll.....	Million dollars...	17.0	17.6	-3
Production workers:				
Number.....	Thousands.....	3.8	4.9	-22
Man-hours.....	Millions.....	7.8	10.1	-23
Wages.....	Million dollars...	11.8	12.7	-7
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	30.1	30.7	-2
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	30.8	32.2	-4
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	61.8	66.0	-6
Value of shipments <sup>5</sup> .....	..do.....	93.4	98.2	-5
Capital expenditures, new.....	..do.....	0.9	1.5	-39
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	68	77	-12

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

GROUP 23

The Processed Textile Waste Industry includes establishments engaged primarily in processing textile-mill waste for spinning and other uses, and in recovering cotton, wool, rayon, silk, and other fibers from clippings and rags. Establishments primarily engaged in manufacturing oakum are also included in this industry. Establishments primarily engaged in processing wiping rags are classified in Wholesale Trade. Sales by textile mills of "original" mill waste such as card strips, comber noils and sweepings are not classified as processed textile waste. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Processed Textile Waste Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Processed Textile Waste Industry amounted to \$94 million. Of this total, \$73 million were products primary to the industry, \$2 million

were products primary to other industries, and \$19 million were receipts for miscellaneous activities. The industry shipments of primary products represented 98 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 96 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$79 million of processed textile waste and recovered fibers were shipped by all producers of these products. Of this total, \$73 million, or 92 percent, were shipped by plants classified in Industry 2294, Processed Textile Waste, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



# 1958 CENSUS OF MANUFACTURES

Table 2.--GENERAL STATISTICS FOR THE PROCESSED TEXTILE WASTE INDUSTRY (S.I.C. CODE 2294), BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958									1954		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	4,603	17,023	3,808	7,761	11,763	30,078	30,822	93,380	918	68	5,768	30,723
New England.....	1,395	5,493	1,160	2,443	3,879	9,293	8,945	27,719	351	24	1,734	10,224
Massachusetts.....	248	3,679	702	1,513	2,627	5,886	5,683	15,837	268	17	1,124	6,441
Middle Atlantic.....	1,478	6,038	1,224	2,477	4,104	10,127	11,307	33,454	428	20	1,542	8,654
New York.....	1,009	4,033	867	1,765	2,830	6,665	7,002	18,957	382	12	1,078	6,693
East North Central.....	568	1,907	444	946	1,374	3,653	3,047	9,653	31	9	638	3,015
Ohio.....	362	1,219	289	654	848	2,393	1,815	6,427	(D)	4	426	1,989
West North Central.....	365	985	316	602	744	1,975	1,981	4,838	15	3	426	1,796
South and West.....	797	2,540	664	1,293	1,662	5,030	5,542	17,716	93	12	1,426	7,033

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>3</sup> Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>4</sup> Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>5</sup> For explanation see text under "Value of shipments."

<sup>6</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

TABLE 3.--QUANTITY AND VALUE OF PROCESSED TEXTILE WASTE AND RECOVERED FIBERS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Processed Textile Waste Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)
2294---	Processed textile waste and recovered fibers, total <sup>1</sup> .....	xxx	278,809	xxx	279,492
22940--	Processed textile waste and recovered fibers.....	xxx	74,824	xxx	76,629
2294012	Fiber recovered from:				
2294018	Wool clips and rags (new and used).....	26,763	13,609	29,487	13,681
	Other clips and rags.....	31,087	9,422	34,153	7,393
	Processed mill waste (excluding fiber recovered from clips and rags):				
2294021	Cotton.....	84,367	9,653	132,14	15,38"
2294023	Wool.....	12,233	4,513	16,165	10,364
2294028	Man-made and other fibers.....	1,630	14,260	34,197	7,690
2294041	Flock, all fibers (new stock, waste or reclaimed fiber)....	(NA)	4,500	xxx	3,625
2294051	Other textile waste and recovered fibers.....	26,363	5,655	25,762	4,603
2294098	Processed textile waste and recovered fibers, not specified by kind.....	xxx	12,212	xxx	13,886
2294111	Commission receipts for recovering fibers from clips and rags owned by others.....	xxx	3,985	xxx	2,863

NA Not available.

xxx Not applicable.

<sup>1</sup> Does not include sales by textile mills of "original" mill waste such as cord strips, nills, and sweepings.

<sup>2</sup> Includes commission receipts.

<sup>3</sup> Represents total commission receipts by plants classified in industry 2294. It is not comparable to the 1958 figure which represents Commission receipts for processing textile waste by all plants regardless of industry.

**1958 CENSUS OF MANUFACTURES**  
**PUBLICATION PROGRAM**

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

**Final Industry Reports**

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

**Final Area Reports**

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

**Final Subject Reports**

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

**VOLUME I—SUMMARY STATISTICS**

**VOLUME II—INDUSTRY STATISTICS**

**VOLUME III—AREA STATISTICS**

**Bureau of the Census**

WASHINGTON 25, D. C.

GROUP 23

GROUP 25





# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-23A-1

### MEN'S AND BOYS' SUITS AND COATS INDUSTRY

(Industry Code 2311—SIC system in use through 1957)

Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Men's and Boys' Suits and Coats Industry made products valued at \$1,275 million, an increase of 9 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry declined slightly from 1954 to 1958 to a total of 106.4 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$631 million in 1958, an increase of 20 percent from 1954 when the

previous census was taken. Adjusted value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE MEN'S AND BOYS' SUITS AND COATS INDUSTRY, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2311)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	121.2	119.0	+2
Payroll.....	Million dollars...	404.1	374.8	+8
Production workers:				
Number.....	Thousands.....	106.4	106.7	...
Man-hours.....	Millions.....	183.7	187.6	-2
Wages.....	Million dollars...	319.0	311.1	+6
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	634.9	536.9	+18
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	631.2	527.2	+20
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	643.0	630.8	+2
Value of production <sup>5</sup> .....	..do.....	1,274.5	1,173.0	+9
Capital expenditures, new.....	..do.....	5.4	3.5	+54
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	751	687	+9

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of product bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production." Includes value of reseller for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Men's and Boys' Suits and Coats Industry includes establishments engaged primarily in the manufacture of men's, youths', boys' suits, coats, and overcoats. Establishments primarily engaged in manufacturing uniforms (military, policemen's firemen's, etc.) and tailored dress and sport coats, including sport and leisure jackets, are also included in this industry. Establishments primarily engaged in manufacturing men's work and sport garments (such as lumber-jackets, ski suits, and riding garments) are classified in Group 232, Men's and Boy's Furnishings, Work Clothing and Allied Garments. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Men's and Boys' Suits and Coats Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Men's and Boys' Suits and Coats Industry amounted to \$1,275 million. Of this total, \$965 million were products primary to the industry, \$99 million were products pri-

mary to other industries, and \$211 million were receipts for miscellaneous activities, mainly contract receipts. The industry production of primary products represented 91 percent of the total manufactured product production (primary and secondary). The 1954 ratio was also 91 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$999 million of men's and boys' suits and coats were made by all producers of these products. Of this total, \$965 million, or 97 percent, were produced by plants classified in Industry 2311, Men's and Boys' Suits and Coats, while the remainder was produced by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

1958 CENSUS OF MANUFACTURES

Region and State <sup>1</sup>	1958										Value added by manufacture <sup>2</sup> (\$1,000)
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>3</sup> (\$1,000)	Total expenditures, new (\$1,000)	No. of establishments with 20 or more employees <sup>4</sup>	
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup> (\$1,000)	Adjusted <sup>6</sup> (\$1,000)				All employees, number
United States.....	10,000,000	1,000,000	10,000,000	1,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
New England.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Middle Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
East North Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
West North Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Mountain.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Pacific.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Alaska.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Hawaii.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
North Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
East North Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
West North Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Mountain.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Pacific.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Alaska.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Hawaii.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
North Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
East North Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
West North Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Mountain.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Pacific.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Alaska.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Hawaii.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
North Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
East North Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
West North Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Mountain.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Pacific.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Alaska.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Hawaii.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
North Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
East North Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
West North Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Mountain.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Pacific.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Alaska.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Hawaii.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
North Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
East North Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
West North Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Mountain.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Pacific.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Alaska.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Hawaii.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
North Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
East North Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
West North Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Mountain.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Pacific.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Alaska.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Hawaii.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
North Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
East North Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
West North Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Central.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Mountain.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Pacific.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Alaska.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Hawaii.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
North Atlantic.....	1,000,000	100,000	1,000,000	100,000	1,000,000	1,000					

(D) Withheld to avoid disclosing figures for individual companies.  
<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in the case of small industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publication details will appear in the final Census report on this industry.  
<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.  
<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the change in work-in-process inventories between the beginning and end of year.  
<sup>4</sup>For explanation see text under "Value of production."  
<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--QUANTITY AND VALUE OF MEN'S AND BOYS' SUITS AND COATS MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Men's and Boys' Suits and Coats Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production")

Product code	Product	Total production (cuttings)			
		1958		1954	
		Quantity <sup>1</sup> (1,000 units)	Value (\$1,000)	Quantity (1,000 units)	Value (\$1,000)
2311---	Men's and boys' suits and coats, total.....	xxx	299,375	xxx	927,149
	Men's and boys' suits:				
2311113	Men's suits, excluding snow, slack, wash and uniform, total....	18,183	...	18,152	582,745
	Men's regular-weight suits (made of fabric over 11 oz. per yard) total.....	12,209		13,284	478,873
2311112	50 percent or more wool.....	11,369		12,486	431,649
2311122	Other, including man-made fibers.....	840		798	17,224
	Men's summer-weight suits, total.....	5,974		4,868	133,872
	50 percent or more wool, total.....	2,499		1,723	59,444
2311132	Midweight (made of fabric between 9 and 11 oz. per yard).....	792			
2311136	Lightweight (made of fabric less than 9 oz. per yard)....	846		1,723	59,444
	Weight not specified.....	861			
	Other, including man-made fibers, total.....	3,475		3,145	74,428
2311134	Midweight (made of fabric between 9 and 11 oz. per yard).....	529			
2311138	Lightweight (made of fabric less than 9 oz. per yard)....	1,956		3,145	74,428
	Weight not specified.....	990			
2311153	Boys' suits (including students' and cadets'), excluding snow, slack, wash and uniform, total.....	3,133		3,317	37,273
2311142	Regular-weight.....	2,839		2,752	32,154
2311152	Summer-weight, excluding wash suits.....	294		565	5,119
2311175	Men's and boys' uniform suits.....	1,672		628	14,138
2311100	Men's and boys' suits, not specified by kind.....	...		xxx	5,005
	Men's and boys' coats and overcoats:				
	Overcoats, topcoats, and tailored car and suburban coats, except uniform, total.....	5,703	999,375	...	...
2311212	Men's, total.....	4,504		4,499	125,206
2311211	Overcoats (outer fabric over 22 oz. per yard).....	648		573	21,322
2311213	Topcoats, including reversibles, zipper-lined, finger-tip and water repellent wool topcoats (22 oz. per yard or less).....	3,775		3,889	102,967
2311215	Stormcoats.....	81		37	917
2311252	Boys' (including students' and cadets').....	1,199		1,222	11,631
2311275	Men's and boys' uniform overcoats and topcoats.....	308		46	1,836
2311200	Men's and boys' coats and overcoats, not specified by kind.....	xxx		xxx	609
	Men's and boys' tailored dress and sport coats and jackets, including leisure jackets, separate tailored uniform coats and jackets:				
	Tailored dress and sport coats and jackets, including tailored leisure jackets, except uniform, total.....	10,565		7,952	112,169
2311312	Men's.....	7,822		5,743	95,346
2311352	Boys'.....	2,743		2,209	16,823
2311375	Men's and boys' separate tailored uniform coats and jackets....	1,238		453	10,363
2311300	Men's and boys' tailored dress and sport coats and jackets, not specified by kind.....	xxx		xxx	2,443
2311000	Men's and boys' suits and coats, not specified by kind.....	xxx		xxx	23,731

xxx Not applicable.

<sup>1</sup>Except for men's and boys' tailored uniform suits, coats and jackets (codes 2311175, 2311275, and 2311375) quantity of production data was obtained from the 1958 Annual Apparel Survey MA23A.

<sup>2</sup>The values for men's and boys' tailored coats, suits, and jackets reported in the 1958 Census of Manufactures and in the 1958 Annual Apparel report MA23A differ by about 6 percent. It is believed that this difference is due primarily to undercoverage of companies producing uniform suits and coats in the Annual Apparel Report MA23A. These differences are presently being investigated and any necessary revisions will be shown in the final 1958 Census of Manufactures report for Industry 2311 and in the final 1959 Annual Apparel Report MA23A.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

December 1959

MC(P)-25B-1

### WORK SHIRTS INDUSTRY

(Industry Code 2328--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Work Shirts Industry made products valued at \$51 million, an increase of 34 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. However, average employment in this industry declined 10 percent from 1954 to 1958 to a total of 6.3 thousand employees in 1958. Value added by manufacture in the industry amounted to \$21 million in 1958, an increase of 24 percent from 1954. Value added is derived by subtracting the

cost of materials, fuels, etc., from value of production. It avoids, therefore, the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this release for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE WORK SHIRTS INDUSTRY, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2328)

Item	Unit of Quantity	1958	1954	Percent change 1954 to 1958
Establishments with 20 or more employees.....	Number.....	41	44	-7
All employees:				
Number.....	Thousands.....	6.5	7.0	-10
Payroll.....	Million dollars...	17.4	11.5	+17
Production workers:				
Number.....	Thousands.....	6.0	6.8	-12
Man-hours.....	Millions.....	10.4	11.4	-9
Wages.....	Million dollars...	12.1	10.6	+14
Value added by manufacture, unadjusted <sup>1</sup> .....	....do.....	20.7	16.7	+24
Value added by manufacture, adjusted.....	....do.....	20.6	16.5	+25
Cost of materials, fuel, electricity, and contract work.....	....do.....	30.7	21.6	+42
Value of production <sup>2</sup> .....	....do.....	51.2	38.3	+34
Capital expenditures, new.....	....do.....	...	...	...

<sup>1</sup>Value of production less cost of materials, supplies, fuel, electric energy, and contract work.

<sup>2</sup>Unadjusted value added plus the value added in the purchase and resale of products sold without further manufacture and the net change in work-in-process inventories.

<sup>3</sup>Includes cost of products bought and resold in the same condition.

<sup>4</sup>Includes for all establishments classified in this industry, not only (a) their value of products "primary" to the industry, but also (b) their value of "secondary" products, which are primary to other industries, (c) their "miscellaneous" receipts for contract work, repair work, sales of scrap etc., and (d) sales of products bought and resold in the same condition.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10cents

The Work Shirts Industry represents manufacturing establishments engaged primarily in the manufacture of work shirts. Establishments which have garments made from their materials by contractors on a cut, make, and trim basis, as well as the contract plants which make garments for the account of other establishments are included in the industry. Establishments primarily manufacturing men's and boys' dress and sport shirts made from purchased woven or knit fabrics are defined as being in Industry 2321, Men's Dress Shirts and Nightwear. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments. Figures for such offices and auxiliary units operated by manufacturing companies will be shown at the 2-digit industry group level in reports to be issued later.

This report is based upon the 1945 Standard Industrial Classification Manual definitions of industries. The final industry reports will include industry statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC). In the manufacturing sector, the 1957 SIC includes extensive revisions of industry definitions including a redefinition of the Work Shirt Industry.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submit separate reports if the company records permit such a separation, and if the separate activities are substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

For the most part, the definitions and methods used in conducting the 1958 Census of Manufactures are comparable with those in earlier Censuses. A difference of some consequence, however, exists in connection with the definition of value of production shown in table 1 and 2. In the 1954 and earlier Censuses, the total value of production for all establishments in an industry or area excluded the receipts

for the sale of products bought and resold without further manufacturing, fabrication, or assembly. That is, the receipts for merchandising activities were excluded from the value of production published in the 1954 and earlier Censuses. In the 1958 Census, such receipts are included in the total value of production. The 1954 value of production figure shown in table 1 has been revised so that it is comparable.

The value of production reported by establishments classified in the Work Shirts Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, repair work, sale of scrap, resale of products not manufactured at the establishment, etc. The total value of production and other receipts of establishments classified in the Work Shirts Industry amounted to \$51 million. Of this total, \$35 million were products primary to the industry, \$10 million were products primary to other industries, and \$6 million of receipts for miscellaneous activities (mainly contract work on materials owned by others). The industry production of primary products represented 78 percent of the total production (primary and secondary). This percentage figure describes the "primary product specialization ratio" which is the extent to which plants classified in an industry "specialize" in making products regarded as primary to the industry. The 1954 primary product specialization ratio for this industry was 97 percent. This shift of 19 percentage points reflects the increased production of men's work clothing and men's sport shirts by plants classified in this industry.

The total value of production for the industry which is the total value of receipts of establishments classified in the industry should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure appearing in table 3 indicates that \$79 million of work shirts were made by all producers of such products. Of this total, \$35 million or 44 percent were made by plants classified in Industry 2328, while the remainder was made by plants classified in other industries. The figure of 44 percent is designated as the "coverage ratio." That is, it measures the extent to which all production of primary products of an industry are "covered" by plants classified in that industry. Other industries making work shirts consisted mainly of Industry 2321, Men's Dress Shirts and Nightwear, \$3 million and Industry 2329, Men's and Boys' Clothing, \$37 million.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of

the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the value of production by all producers of the primary products of the industry.

More detailed figures for this industry will appear later in the final Census report, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. Also, in this report, there will be a comprehensive discussion of such concepts as "industry," "establishment," "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary reports and final reports will be issued for other industries during the coming months. A summary of preliminary United States totals for each manufacturing industry and totals for each State will also be issued shortly. Final industry reports and final State reports will be published during the spring and summer of 1960. (Order forms which list these reports and their prices may be

obtained from local U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.)

### BACKGROUND

The 1958 Census of Manufactures is the twentyseventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The canvass included the continental United States, Alaska and Hawaii. The figures in this report include the results for establishments located in the continental United States. Alaska and Hawaii were not States until 1959 and will be covered in separate reports.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

Table 2.--GENERAL STATISTICS FOR THE WORK SHIRTS INDUSTRY (S.I.C. CODE 258), BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958									1954		
	Establishments with 20 or more employees, number	All employees		Production workers:			Value added by manufacture		Value of production <sup>4</sup> (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture (\$1,000)
		Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)				
United States, total	41	6,327	13,434	6,035	10,369	12,088	20,650	20,576	51,221	202	4,428	10,000
Northeast and North Central.....	8	954	2,247	847	1,431	1,854	5,975	5,965	14,978	94	1,111	2,300
East South Central.....	23	4,572	9,495	4,411	7,569	8,695	14,021	13,940	29,500	75	1,185	2,500
Tennessee.....	10	2,578	4,771	2,291	3,814	4,546	8,585	8,559	16,727	14	2,700	1,500
All other regions.....	10	821	1,692	777	1,569	1,539	2,694	2,673	6,943	24	200	250

<sup>1</sup>Each producing State not shown separately has been withheld either (a) to avoid disclosing figures for individual companies; or (b) because the State had less than 200 employees in the industry. (Additional publishable detail will appear in the final Census report for this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electric energy, and contract work.

<sup>3</sup>Unadjusted value added plus the value added in the purchase and resale of products sold without further manufacture and the net change in work in process inventories.

<sup>4</sup>Included for all establishments classified in this industry, not only (a) their value of products "primary" to the industry, but also (b) the value of "secondary" products, which are primary to other industries, (c) their "miscellaneous" receipts for contract work, repair work, sales of scrap, etc., and (d) sales of products bought and resold in the same condition.

## 1958 CENSUS OF MANUFACTURES

Table 3.--QUANTITY AND VALUE OF WORK SHIRTS MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

Product code	Product	Total production (cuttings)			
		1958		1954	
		Quantity (1,000 dozen)	Sales value (\$1,000)	Quantity (1,000 dozen)	Sales value (\$1,000)
2328--	Work shirts, total.....	4,133	78,843	5,290	90,450
2328011	Men's <sup>1</sup> .....	3,711	(NA)	4,754	82,364
2328051	Boys' <sup>1</sup> .....	422	(NA)	536	8,086

NA Not available.

<sup>1</sup>Detail collected in 1959 Annual Apparel Survey - MA23A.

USCOMM-DC



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

January 1960

MC(P)-25B-2

### MEN'S AND BOYS' CLOTH HATS INDUSTRY

(Industry Code 2325--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Men's and Boys' Cloth Hats Industry made products valued at \$69 million, an increase of 12 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. However, average employment in this industry showed a decrease of 4 percent from 1954 to 1958 to a total of 7.8 thousand employees in 1958. Value added by manufacture in the industry amounted to \$34 million in 1958, an increase of 4 percent from 1954 when the previous census was

taken. Value added is derived by subtracting the net cost of materials, fuels, etc., from net value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE MEN'S AND BOYS' CLOTH HATS INDUSTRY, IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2325)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
<b>All employees:</b>				
Number.....	Thousands.....	7.8	8.1	-3.7
Payroll.....	Million dollars.....	23.4	21.5	+8.8
<b>Production workers:</b>				
Number.....	Thousands.....	6.9	7.5	-8.0
Man-hours.....	Millions.....	12.7	14.0	-9.3
Wages.....	Million dollars.....	19.1	18.0	+6.1
Value added by manufacture, unadjusted <sup>2</sup> .....	.....do.....	34.4	33.0	+4.2
Value added by manufacture, adjusted <sup>3</sup> .....	.....do.....	35.6	33.2	+7.2
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	.....do.....	33.0	28.1	+17.4
Value of production.....	.....do.....	69.1	61.8	+11.8
Capital expenditures, new.....	.....do.....	(8)	(8)	...
Number of establishments with 20 or more employees <sup>5</sup> .....	Number.....	104	111	-6.3

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Alaska and Hawaii were not States until 1959. They will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work. Purchases and resale of products without further manufacture are excluded from the cost and value figures.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Less than \$500 thousand.

<sup>7</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Men's and Boys' Cloth Hats Industry includes establishments engaged primarily in the manufacture of hats and caps, except millinery, from knit or woven fabric, such as baseball and other cloth sport hats, chauffeurs', policemen's and other military uniform hats (including women's civilian and military uniform hats and caps). This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Men's and Boys' Cloth Hats Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Men's and Boys' Cloth Hats Industry amounted to \$69 million. Of this total, \$59 million were products primary to the industry.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing

in table 3, indicates that \$64 million of men's and boys' cloth hats and caps were made by all producers of these products. Of this total, \$59 million, or 92 percent, was made by plants classified in Industry 2325, Men's and Boys' Cloth Hats, while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

Table 2.--GENERAL STATISTICS FOR THE MEN'S AND BOYS' CLOTHING INDUSTRY, BY REGION AND STATE: 1958 AND 1954

Region and State <sup>a</sup>	1958							1954				
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	Net change in inventory, at end of year	All employees	Value added by manufacture
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>				Number	Unadjusted <sup>2</sup>
UNITED STATES, TOTAL...	7,803	24,475	4,981	12,719	19,115	14,334	15,611	89,711	49	14	4,771	14,322
Northeast.....	3,387	10,729	2,399	5,706	8,084	5,947	10,042	42,042	34	1	2,770	10,114
New York.....	2,354	7,600	1,111	2,700	4,700	1,700	1,700	11,000	10	1	1,000	11,000
Pennsylvania.....	301	1,082	288	577	811	1,500	2,000	4,000	4	1	100	1,000
East North Central.....	1,561	4,274	1,170	2,160	3,100	1,000	7,000	15,000	50	10	1,000	6,300
Illinois.....	1,001	3,225	377	1,600	1,561	5,000	5,714	10,000	40	11	1,000	1,000
West North Central.....	1,363	5,139	1,059	1,512	4,211	6,918	7,807	12,000	137	10	1,000	1,100
Missouri.....	1,644	4,312	1,512	2,880	3,061	6,361	6,361	11,000	10	10	1,000	1,000
South and West.....	1,177	3,233	1,063	2,041	3,714	4,580	4,581	7,000	70	10	1,000	4,700

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work. Purchases and sales of products without further manufacture are excluded from the cost and value figures.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and sale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees classified) in the industry.

Table 3.--QUANTITY AND VALUE OF MEN'S AND BOYS' CLOTH HATS MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Men's and Boys' Cloth Hats Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production.")

Product code	Product	Total production			
		1958		1954	
		Quantity (1,000 dozen)	Sale value (\$1,000)	Quantity (1,000 dozen)	Sale value (\$1,000)
2325---	Cloth hats and caps, total.....	xxx	1,000	xxx	61,877
	Men's and boys' hats and caps:				
2325012	Cloth hats, except uniform.....	xxx	1,000	xxx	1,800
	Quantity reported.....	xxx	1,000	xxx	7,000
	Quantity not reported.....	xxx	1,000	xxx	1,000
2325015	Caps, except uniform.....	1,874	1,400	1,111	1,000
	Quantity reported.....	xxx	1,000	xxx	1,000
	Quantity not reported.....	xxx	1,000	xxx	1,000
2325017	Uniform hats and caps.....	1,000	1,000	1,000	1,000
	Quantity reported.....	xxx	1,000	xxx	1,000
	Quantity not reported.....	xxx	1,000	xxx	1,000
2325021	Women's uniform hats and caps.....	1	114	NA	1
2325041	Headwear, made from knit fabric.....	52	1,000	57	1,000
2325000	Cloth hats and caps, not specified by kind.....	xxx	1,000	xxx	1,000

xxx Not applicable.

NA Not available.

**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-23B-3

### MEN'S AND BOYS' NECKWEAR INDUSTRY

(Industry Code 2323--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufactures in the Men's and Boys' Neckwear Industry made products valued at \$102 million, a decrease of 5 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 19 percent from 1954 to 1958 to a total of 7.7 thousand employees in 1958. Value added by manufacture in the industry amounted to \$49 million in 1958, a decrease of 1 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE MEN'S AND BOYS' NECKWEAR INDUSTRY, IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2323)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	7.7	9.5	-19
Payroll.....	Million dollars...	26.7	27.8	-4
Production workers:				
Number.....	Thousands.....	6.1	8.1	-25
Man-hours.....	Millions.....	10.6	13.8	-23
Wages.....	Million dollars...	17.5	19.1	-8
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	46.7	48.2	-3
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	48.8	49.4	-1
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	53.5	57.3	-7
Value of production <sup>5</sup> .....	..do.....	102.4	107.6	-5
Capital expenditures, new.....	..do.....	0.6	...	-
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	110	127	-13

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishment (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Men's and Boys' Neckwear Industry includes establishments engaged primarily in the manufacture of men's and boys' neckties, scarfs, and mufflers cut and sewed from woven or knit fabric. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Men's and Boys' Neckwear Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Men's and Boys' Neckwear Industry amounted to \$102 million. Of this total, \$87 million were products primary to the industry, \$3 million were products primary to other industries, and \$12 million were receipts for miscellaneous activities mainly contract work. The industry production of primary products represented 96 percent of the total manufactured production (primary and secondary). The 1954 ratio was 98 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$89 million of men's and boys' neckwear were made by all producers of these products. Of this total, \$87 million, or 98 percent, were made by plants classified in the men's and boys' neckwear industry while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the productions by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1956, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

Table 2.—GENERAL STATISTICS FOR THE MEN'S AND BOYS' NECKWEAR INDUSTRY (S.I.C. CODE 2325), BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 employees or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>					
United States, total.....	7,669	26,677	6,111	10,621	17,509	46,748	48,768	12,370	586	110	9,483	48,237
New England.....	552	1,915	383	718	1,168	3,303	3,332	7,469	52	12	797	3,643
Massachusetts.....	338	1,109	254	433	652	1,926	1,949	4,342	38	7	421	1,947
Middle Atlantic.....	4,752	17,076	3,889	6,698	11,041	28,928	30,628	65,417	320	71	5,624	30,165
New York.....	3,605	14,133	2,906	5,030	9,240	24,376	25,986	57,441	238	54	4,443	25,288
New Jersey.....	490	1,217	441	708	994	1,956	1,952	2,825	31	9	454	1,533
Pennsylvania.....	657	1,726	542	960	1,407	2,596	2,690	5,151	51	8	726	3,343
East North Central.....	579	2,010	451	758	1,230	3,436	3,581	7,886	(D)	7	881	3,503
Ohio.....	317	1,117	250	399	662	2,018	2,104	4,684	(D)	3	464	1,925
West North Central.....	303	1,095	221	375	528	1,269	1,384	4,102	10	6	339	1,630
South.....	1,110	3,286	876	1,530	2,036	7,114	7,122	12,413	61	9	1,329	6,792
Maryland.....	246	634	190	360	440	1,255	1,298	2,771	13	4	245	1,038
Mountain.....	43	106	33	54	83	222	223	322	(D)	...	35	148
Pacific.....	330	1,189	258	488	823	2,476	2,498	4,761	120	5	475	2,351

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF MEN'S AND BOYS' NECKWEAR MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Men's and Boys' Neckwear Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production.")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (\$1,000 dozen)	Value (\$1,000)	Quantity (\$1,000 dozen)	Value (\$1,000)
232---	Men's and boy's neckwear, total.....	xxx	89,421	xxx	101,480
2323021	Woven neckties, including printed, total.....	7,371	70,422	10,386	93,339
2323025	All silk.....	2,173	29,975	10,386	93,339
2323029	All rayon and acetate.....	4,246	32,414		
	All other fabrics.....	952	8,033		
2323031	Woven mufflers and scarfs, total.....	117	1,529	xxx	3,005
	Quantity reported.....	117	1,529	115	1,918
	Quantity not reported.....	...	...	xxx	1,087
2323041	Knit neckties, mufflers and scarfs, total.....	xxx	3,058	xxx	4,936
	Quantity reported.....	365	3,058	507	3,203
	Quantity not reported.....	xxx	...	xxx	1,733
2323000	Men's and boy's neckwear, not specified by kind.....	xxx	14,412	xxx	...

xxx Not applicable.

**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC (P) 23B-4

### SEPARATE TROUSERS INDUSTRY

(Industry Code 2327--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Separate Trousers Industry made products valued at \$441 million, an increase of 10 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 1 percent from 1954 to 1958 to a total of 51.2 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$204 million in 1958, an increase of 13 percent from 1954 when the previous

census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE SEPARATE TROUSER INDUSTRY, IN THE UNITED STATES: 1958 and 1954

(Standard Industrial Classification Code 2327)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	51.2	51.7	-1
Payroll.....	Million dollars...	132.7	118.7	+12
Production workers:				
Number.....	Thousands.....	46.9	48.3	-3
Man-hours.....	Millions.....	84.9	86.4	-2
Wages.....	Million dollars...	108.4	99.6	+9
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	202.8	181.3	+12
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	203.9	180.4	+13
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	237.2	219.8	+8
Value of production <sup>5</sup> .....	..do.....	441.3	402.1	+10
Capital expenditures, new.....	..do.....	3.3	2.8	+18
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	360	410	-12

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Separate Trousers Industry includes establishments engaged primarily in the manufacture of men's and boys' separate trousers. Establishments primarily engaged in manufacturing trousers as a part of complete suits are classified in Industry 2311, Men's and Boys' Suits and Coats, and Work Pants and Washable Service Slacks in Industry 2329, Men's and Boys' Clothing, N.E.C. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Separate Trousers Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Separate Trousers Industry amounted to \$441 million. Of this total, \$302 million were products primary to the industry, \$37 million were products primary to other industries, and \$102 million were receipts for miscellaneous activities. The industry production of primary products represented 89 percent of the total manufactured production (primary and secondary). The 1954 ratio was also 89 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$430 million of men's and boys' separate trousers were made by all producers of these products. Of this total, \$302 million, or 70 percent, were made by plants classified in Industry 2327, Separate Trousers while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of productions, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the productions by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR THE SEPARATE MANUFACTURING INDUSTRY DIVISIONS, BY REGION AND STATE: 1958 AND 1957

Region and State <sup>1</sup>	1958									1957	
	All employees		Production workers			Value added by manufacture		Value of production <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>2</sup> (\$1,000)				
United States: total.....	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
New England.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
New York.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Connecticut.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Middle Atlantic.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
New York.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
New Jersey.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Pennsylvania.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
East North Central.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Ohio.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Indiana.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Illinois.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Michigan.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
West North Central.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Missouri.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
South Atlantic.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Maryland.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Virginia.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Georgia.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Florida.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
East South Central.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Kentucky.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Tennessee.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Alabama.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Mississippi.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
West South Central.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Louisiana.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Texas.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
West.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
California.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publication detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

Table 3.--QUANTITY AND VALUE OF MEN'S AND BOYS' SEPARATE TROUSERS MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Separate Trousers Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of Production")

Product code	Product	Total production (cuttings) <sup>1</sup>			
		1958		1954	
		Quantity (1,000 units)	Value (\$1,000)	Quantity (1,000 units)	Value (\$1,000)
2327---	Men's and boys' separate dress and sport trousers, total.....	xxx	430,412	xxx	369,082
	Separate trousers, pants, slacks, and short pants, excluding uniform, total.....	112,350			
2327012	Men's, total.....	71,382		56,088	284,836
2327011	50 percent or more wool.....	16,146		16,032	127,786
2327015	Chiefly rayon and other man-made fibers.....	32,657		31,008	130,372
2327017	Chiefly cotton.....	22,579		9,048	26,678
2327014	Boys' total.....	40,968		21,096	55,289
	Dress and sport trousers except outerwear shorts, total....	33,667		18,240	51,196
2327022	50 percent or more wool.....	3,888			
2327024	Other fabrics.....	29,779		18,240	51,196
2327042	Outerwear dress shorts and short pants.....	7,301		2,856	4,093
2327051	Men's and boys' separate uniform trousers.....	3,370		5,316	19,488
2327000	Men's and boys' separate dress and sport trousers not specified by kind.....	xxx		xxx	9,469

xxx Not applicable.

<sup>1</sup>Except for men's and boys' separate uniform trousers, 1958 production detail was obtained from the 1958 Annual Apparel Report M23A-08.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC (P)-23B-5

### MEN'S AND BOYS' UNDERWEAR INDUSTRY

(Industry Code 2322—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Men's and Boys' Underwear Industry produced products valued at \$116 million, an increase of 34 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 30 percent from 1954 to 1958 to a total of 12.2 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$48 million in 1958, an increase of 52 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE MEN'S AND BOYS' UNDERWEAR INDUSTRY, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2322)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	12.2	9.4	+30
Payroll.....	Million dollars...	29.7	18.9	+57
Production workers:				
Number.....	Thousands.....	11.0	8.8	+25
Man-hours.....	Millions.....	19.2	15.3	+26
Wages.....	Million dollars...	24.7	16.3	+52
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	47.4	30.0	+58
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	47.9	31.5	+52
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	68.3	55.2	+24
Value of production <sup>5</sup> .....	..do.....	115.8	86.3	+34
Capital expenditures, new.....	..do.....	0.9	1.2	-25
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	73	60	+22

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U. S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Men's and Boys' Underwear Industry includes establishments engaged primarily in the manufacture of men's, youths', and boys' underwear cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear are classified in Industry 2254, Knit Underwear Mills. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Men's and Boys' Underwear Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Men's and Boys' Underwear Industry amounted to \$116 million.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR THE MEN'S AND BOYS' UNDERWEAR INDUSTRY (S.I.C. CODE 2322), BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	12,219	29,722	10,998	19,216	24,740	47,441	47,906	115,794	884	73	4,381	2,404
Northeast.....	2,674	6,832	2,178	3,815	4,902	8,245	8,167	23,795	107	29	1,544	735
Pennsylvania.....	1,436	3,328	1,292	2,213	2,754	4,121	4,069	11,393	79	15	704	1,919
East North Central.....	618	1,525	573	1,064	1,303	2,389	2,332	6,608	31	5	583	1,751
West North Central.....	412	972	383	677	867	2,743	2,670	5,173	6	5	483	1,766
South and West.....	8,515	20,393	7,864	13,660	17,668	34,064	34,737	80,218	740	34	6,768	2,444
North Carolina.....	1,230	2,403	1,209	2,087	2,321	4,173	4,214	9,723	48	9	1,266	1,438
South Carolina.....	1,064	2,390	1,002	1,961	2,156	2,551	2,645	10,877	35	9	866	1,786
Kentucky.....	3,167	8,534	2,799	4,605	7,078	15,286	15,807	33,971	525	6	2,344	2,603

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments, including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF MEN'S AND BOYS' UNDERWEAR MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Men's and Boys' Underwear Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production.")

Product code	Product	Total production, quantity and value			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2322---	Men's and boys' underwear, total.....	xxx	1,722	xxx	1,401
2322041	Underwear made from woven fabrics:				
2322011	Men's undershorts.....	4,743	9,728	4,728	9,728
2322013	Boys' undershorts.....	15	29	15	29
2322015	Men's and boys' union suits.....	43	74	43	74
2322022	Underwear made from knit fabrics <sup>2</sup> :				
	Union suits.....	504	1,004	504	1,004
2322032	Undershirts, total.....	17,619	34,888	17,619	34,888
2322034	Heavyweight and medium weight, including balbriggan.....	556	1,112	556	1,112
	Lightweight with 1/4 sleeve (under 4 1/2 lbs. in men's size 42); including T-shirts used as undershirts.....	10,972	21,944	10,972	21,944
2322035	Sleeveless athletic type.....	6,091	12,182	6,091	12,182
2322042	Drawers.....	1,274	2,548	1,274	2,548
2322052	Shorts and briefs, total.....	13,211	26,422	13,211	26,422
2322054	Men's and boys' shorts (loose-leg nonsupporter type).....	1,176	2,352	1,176	2,352
	Men's briefs (supporter type).....	6,566	13,132	6,566	13,132
	Boys' briefs (supporter type).....	5,469	10,938	5,469	10,938
2322000	Men's and boys' underwear, not specified by kind.....	xxx	xxx	xxx	xxx

xxx Not applicable.

<sup>1</sup>Detail for 1958 as collected in the 1958 Annual Apparel Report MA23A. Separate value figures are not available.

<sup>2</sup>The figures for 1954 and 1958 include the quantity and value of knit underwear produced by establishments classified as knitting mills (Group 225) as well as establishments classified in the "cut and sew" shops. (Major Group 23).

<sup>3</sup>Includes 67,000 dozen men's and boys' underwear made from warp knit fabrics valued at \$45,000, and 620,000 dozen men's and boys' underwear made from circular knit fabrics (other than cotton and/or wool), not specified by kind.





# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-23B-6

### MEN'S DRESS SHIRTS AND NIGHTWEAR INDUSTRY

(Industry Code 2321—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Men's Dress Shirt and Nightwear Industry made products valued at \$966 million, an increase of 5 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 4 percent from 1954 to 1958 to a total of 103.5 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$427 million in 1958, an increase of 16 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE MEN'S DRESS SHIRTS AND NIGHTWEAR INDUSTRY, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2321)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	103.5	108.3	-4
Payroll.....	Million dollars...	253.7	236.7	+7
Production workers:				
Number.....	Thousands.....	94.4	100.3	-6
Man-hours.....	Millions.....	169.1	181.1	-7
Wages.....	Million dollars...	210.0	196.7	+7
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	420.5	372.9	+13
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	427.3	370.1	+16
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	540.0	544.1	-1
Value of production <sup>5</sup> .....	do.....	966.2	923.6	+5
Capital expenditures, new.....	do.....	5.9	6.4	-8
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	606	676	-10

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Men's Dress Shirt and Nightwear Industry includes establishments engaged primarily in the manufacture of men's, youths', and boys' shirts, collars, and nightwear cut and sewed from purchased woven or knit fabric. Establishments primarily engaged in manufacturing knit outerwear sport shirts, including polo, tennis, basque, and T-shirts, from purchased knit fabric are also classified in Industry 2321. Establishments primarily engaged in manufacturing work shirts are classified in Industry 2328, Work Shirts. Knitting mills primarily engaged in manufacturing nightwear are classified in Industry 2254, Knit Underwear Mills, and knit sport shirts in Industry 2253, Knit Outerwear Mills. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Men's Dress Shirt and Nightwear Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Men's Dress Shirt and Nightwear Industry amounted to \$966 million. Of

this total, \$694 million were products primary to the industry, \$91 million were products primary to other industries, and \$181 million were receipts for miscellaneous activities, mainly contract receipts. The industry production of primary products represented 88 percent of the total manufactured production (primary and secondary). The 1954 ratio was 90 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$863 million of men's dress shirts and nightwear were made by all producers of these products. Of this total, \$694 million, or 80 percent, were made by plants classified in Industry 2321, Men's Dress Shirts and Nightwear, while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

Region and State <sup>1</sup>	1958										All em- ployees, number	Value added by manufac- ture, unadjusted <sup>2</sup> (\$1,000)
	All employees		Production workers			Value added by manufacture		Value added by manufac- ture, unadjusted <sup>2</sup> (\$1,000)	Total expendi- tures, new (\$1,000)	No. of estab- lishments with 10 or more employ- ees <sup>3</sup>		
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	10,000,000	100,000,000	10,000,000	100,000,000	100,000,000	100,000,000	100,000,000	100,000,000	100,000,000	100,000,000	100,000,000	100,000,000
New England.....	1,000,000	10,000,000	1,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Maine.....	10,000	100,000	10,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
New Hampshire.....	10,000	100,000	10,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Vermont.....	10,000	100,000	10,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Massachusetts.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Rhode Island.....	10,000	100,000	10,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Connecticut.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Middle Atlantic.....	1,000,000	10,000,000	1,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
New York.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
New Jersey.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Pennsylvania.....	1,000,000	10,000,000	1,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
East North Central.....	1,000,000	10,000,000	1,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Ohio.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Indiana.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Illinois.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
West North Central.....	1,000,000	10,000,000	1,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Michigan.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Minnesota.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Wisconsin.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Atlantic.....	1,000,000	10,000,000	1,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Maryland.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Virginia.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
North Carolina.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
South Carolina.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Georgia.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Florida.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
East South Central.....	1,000,000	10,000,000	1,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Kentucky.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Tennessee.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Alabama.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Mississippi.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
West South Central.....	1,000,000	10,000,000	1,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Arkansas.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Louisiana.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Texas.....	1,000,000	10,000,000	1,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Mountain.....	1,000,000	10,000,000	1,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Montana.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Wyoming.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Idaho.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Utah.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
New Mexico.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Pacific.....	1,000,000	10,000,000	1,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Washington.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Oregon.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
California.....	1,000,000	10,000,000	1,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Nevada.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Arizona.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Alaska.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Hawaii.....	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000

D Withheld to avoid disclosing the figures of individual companies.

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable data will appear in the final Government report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) the unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and ending year.

For explanation see text under "Value of production."

<sup>4</sup>Except for "Number of establishments with 10 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF MEN'S DRESS SHIRTS AND NIGHTWEAR MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Men's Dress Shirts and Nightwear Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production")

Product code	Product	Total production (cuttings)			
		1958		1954	
		Quantity <sup>1</sup> (1,000 dozen)	Value <sup>2</sup> (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2321—	Men's and boys' dress and sport shirts, including uniform, and nightwear, total.....	xxx	3862,761	xxx	827,416
23211—	Men's and boys' dress and sport shirts (knit and woven).....	xxx		xxx	634,001
2321111	Men's shirts woven fabrics.....	20,622		20,479	525,931
	Dress and business shirts.....	6,889		48,181	4216,928
	Sport shirts, total.....	13,733		12,298	309,003
2321131	Chiefly cotton.....	10,292		7,027	161,305
2321133	Chiefly rayon and acetate.....	2,926		4,240	113,079
2321135	Other, including wool.....	515		1,031	34,619
2321115	Boys' shirts, woven fabrics, total.....	6,908	768,188	46,690	4103,421
2321137	Dress shirts.....	814		1,031	16,982
22532-7	Sport shirts.....	6,094		5,609	86,439
	Men's and boys' polo, tennis, basque, T, and other knit shirts, except sweat shirts.....	9,672		10,373	89,554
22532-1	Men's and boys' sweat shirts.....	2,094		1,709	20,284
2321100	Men's and boys' shirts, not specified by kind.....	xxx		xxx	4,649
23212—	Men's and boys' nightwear, total.....	xxx		xxx	76,003
2321216	Men's and boys' nightwear made from woven fabrics, total.....	2,865		2,877	69,746
2321211	Men's.....	2,031		2,306	59,232
2321251	Boys'.....	834		571	10,514
	Men's and boys' nightwear made from knit fabrics:		81,841		
2321212	Made in cut-and-sew shop.....				
2254412	Made in knitting mill.....	5477		(NA)	6,174
2321200	Men's and boys' nightwear, not specified by kind.....	xxx		xxx	83
2321000	Men's and boys' shirts and nightwear, not specified by kind.....	xxx	12,732	xxx	7,574

xxx Not applicable.

NA Not available.

<sup>1</sup>Detailed production figures for 1958 were obtained from the 1958 Annual Apparel Report MA23A.<sup>2</sup>Value figures for 1958 were obtained from the 1958 Census of Manufactures.<sup>3</sup>Values include men's and boys' knit shirts and knit nightwear made by knitting mills as well as by cut-and-sew shops.<sup>4</sup>For 1954, a small amount of boys' uniform shirts is included with men's dress and business shirts.<sup>5</sup>The quantity figure of 477,000 dozen for 1958 represents only the production of men's and boys' nightwear made from circular knit cotton and/or wool fabrics. The comparable figure for 1954 amounted to 328,000 dozen.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-23B-7

### MEN'S AND BOYS' CLOTHING, N.E.C., INDUSTRY

(Industry Code 2329--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Men's and Boys' Clothing, Not Elsewhere Classified, Industry made products valued at \$1,004 million, an increase of 20 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 1 percent from 1954 to 1958 to a total of 91.3 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$379 million in 1958, an increase of 18 percent from 1954 when the pre-

vious census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE MEN'S AND BOYS' CLOTHING INDUSTRY N.E.C. IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2329)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	91.3	90.8	+1
Payroll.....	Million dollars...	235.2	200.7	+17
Production workers:				
Number.....	Thousands.....	82.2	82.5	...
Man-hours.....	Millions.....	390.9	146.4	+167
Wages.....	Million dollars...	195.0	160.6	+21
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	369.8	321.7	+15
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	379.3	320.5	+18
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	628.7	504.9	+24
Value of production <sup>5</sup> .....	..do.....	1,004.1	134.4	+20
Capital expenditures, new.....	..do.....	5.7	5.5	+4
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	693	721	-4

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Men's and Boys' Clothing, N.E.C., Industry includes establishments engaged primarily engaged in the manufacture of men's, youths', and boys' work, sport, and other clothing, n.e.c. Important products of this industry include overalls, work pants, industrial garments, washable service apparel, oiled-fabric work garments, mackinaws, lumberjackets, blanket-lined coats, ski and snow suits, and hunting and riding, garments. Establishments primarily engaged in manufacturing separate trousers are classified in Industry 2327, Separate Trousers, and leather and sheep-lined garments in Industry 2386, Leather and Sheep-Lined Clothing. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253, Knit Outerwear Mills. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

The value of production reported by establishments classified in Men's and Boys' Clothing, N.E.C., Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc., The total value of production and other receipts of establishments classified in the Men's and Boys' Clothing, N.E.C., Industry amounted to \$1,004 million.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$878 million of men's and boys' clothing, n.e.c., were made by all producers of these products.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

Table 2.--GENERAL STATISTICS FOR THE MEN'S AND BOYS' CLOTHING, N.E.C., INDUSTRY (S.I.C. CODE 2529) BY REGION<sup>1</sup> AND STATES: 1954<sup>2</sup> AND 1954<sup>3</sup>

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of Production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)	(\$1,000)	(\$1,000)			(\$1,000)
United States, total.....	91,271	235,235	82,245	390,886	195,015	369,762	379,341	1,004,143	5,667	693	90,759	321,655
New England.....	3,436	9,663	3,059	7,322	7,492	15,204	15,791	35,601	161	43	4,045	15,521
Massachusetts.....	2,655	7,502	2,402	5,683	5,951	11,380	11,740	25,358	141	32	3,883	10,408
Middle Atlantic.....	17,756	52,999	15,507	49,345	42,385	84,582	87,167	204,071	1,030	203	19,401	74,910
New York.....	7,457	24,690	6,161	14,259	18,596	42,280	43,063	119,897	572	98	8,356	37,314
New Jersey.....	2,461	7,693	2,135	21,292	6,321	10,436	11,076	24,029	136	25	2,296	8,557
Pennsylvania.....	7,840	20,516	7,211	13,798	17,468	31,666	33,028	60,145	322	80	8,748	29,038
East North Central.....	8,968	26,100	7,625	15,055	19,330	45,724	46,487	148,074	600	79	9,859	37,372
Ohio.....	1,356	4,671	868	1,890	2,264	11,315	11,519	58,366	135	10	1,422	4,787
Indiana.....	3,057	8,012	2,758	5,238	6,672	12,511	12,726	34,707	197	22	3,946	15,860
Illinois.....	2,548	7,732	2,263	4,486	5,910	12,354	12,600	32,432	130	28	2,356	8,850
Michigan.....	985	2,718	847	1,681	2,204	3,999	4,022	11,144	81	10	959	3,156
Wisconsin.....	1,022	2,567	889	1,760	2,280	5,645	5,620	11,425	66	9	1,194	4,713
West North Central.....	7,450	19,743	6,708	227,622	15,855	18,559	19,489	76,924	342	56	8,236	26,896
Minnesota.....	990	3,274	898	1,666	2,381	4,700	5,449	14,012	38	10	1,479	5,695
Missouri.....	4,551	11,663	4,116	222,517	9,427	6,214	6,428	43,079	119	27	5,111	16,099
South Atlantic.....	15,785	35,607	14,349	37,495	30,704	57,314	58,812	147,282	900	107	15,998	44,768
Maryland.....	1,700	2,732	1,134	2,043	2,298	4,032	4,066	7,928	87	17	1,057	3,272
Virginia.....	3,321	8,067	3,666	6,498	7,195	15,068	15,297	43,638	408	17	3,472	10,302
North Carolina.....	3,875	9,776	3,479	6,601	7,355	12,314	12,204	35,840	97	18	3,125	9,191
Georgia.....	5,815	15,862	5,169	9,985	11,843	22,551	23,875	51,088	234	39	7,469	19,216
East South Central.....	20,022	48,097	19,472	34,320	42,335	73,307	74,728	207,665	1,049	88	15,702	48,079
Kentucky.....	4,144	9,736	4,001	7,062	9,063	14,069	14,123	29,528	224	21	5,605	9,445
Tennessee.....	9,421	21,563	8,603	12,370	13,175	34,394	35,454	108,553	409	40	5,803	20,321
Alabama.....	2,643	6,280	2,492	4,402	5,776	10,789	10,882	30,082	228	12	2,232	7,411
Mississippi.....	4,695	10,518	4,376	7,486	9,321	14,055	14,269	39,702	188	15	4,061	10,901
West South Central.....	10,149	28,312	11,413	20,719	25,294	46,443	47,468	106,206	1,073	68	12,586	40,382
Arkansas.....	2,148	5,222	2,125	3,767	4,830	6,522	6,762	11,934	85	8	1,885	5,109
Texas.....	7,876	19,175	7,279	13,178	16,014	32,375	33,109	73,289	554	47	9,026	29,877
Mountain.....	419	1,162	371	677	976	1,642	1,649	4,546	14	4	502	1,210
Pacific.....	4,305	13,654	3,741	8,327	10,664	26,987	27,750	73,774	429	45	4,426	32,512
California.....	3,650	11,723	3,214	7,279	9,304	24,409	25,132	65,531	430	38	3,672	28,717

<sup>1</sup>Each producing State not shown above in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials employed, excluding contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production." Includes value of resales for both years.

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



## 1958 CENSUS OF MANUFACTURES

Table 3.--QUANTITY AND VALUE OF MEN'S AND BOYS' CLOTHING, N.E.C., MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Men's and Boys' Clothing, N.E.C., Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production")

Product code	Product	Total production (cuttings)			
		1958 <sup>1</sup>		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2329--	Men's and boys' clothing, n.e.c., total.....	xxx	878,487	xxx	720,623
23291--	Men's and boys' work clothing and washable service apparel, except work shirts, total.....	xxx	447,128	xxx	404,649
2329111	Work pants, excluding dungarees, overalls, and waterproof pants, total.....	5,443		5,310	144,535
2329115	Men's.....	5,820		4,908	135,530
	Boys' (sizes 4-20).....	623		402	9,005
2329131	Overalls and one-piece work suits and washable service apparel, total.....	11,004		11,694	254,511
2329155	Men's dungarees and waistband overalls (sizes 4-20).....	2,720		4,025	86,727
2329153	Boys' dungarees and waistband overalls (sizes 4-20).....	4,288		4,006	69,190
2329157	Men's bib overalls.....	909		1,078	33,301
2329151	Boys' bib overalls.....	130		164	3,022
2329153	Men's overall and work jackets.....	583		510	15,305
	Men's one-piece work suits and coveralls, excluding waterproof and flight clothing.....	454		460	21,154
2329157	Men's washable service apparel.....	1,380		1,441	25,812
2329158	All other work clothing.....	(NA)		6	202
2329100	Men's and boys' work clothing, washable service apparel, except work shirts, not specified by kind.....	xxx		xxx	5,401
23292--	Men's and boys' heavy outerwear coats and jackets (including uniform), excluding leather, sheepskin sweaters, and tailored jackets, total.....	xxx	201,533	xxx	167,768
2329282	Men's heavy outerwear jackets, including mackinaws, lumber jackets, and blanket-lined jackets.....	788		814	67,126
2329292	Boys' heavy outerwear jackets, including mackinaws, lumber jackets, and blanket-lined jackets (sizes 4-20).....	612		571	34,080
2329251	Men's other outerwear jackets, excluding tailored coats.....	1,023		757	42,028
2329261	Boys' other outerwear jackets, excluding tailored coats (sizes 4-20).....	794		615	21,187
2329200	Men's and boys' heavy outerwear coats and jackets, not specified by kind.....	xxx		xxx	3,347
23293--	Men's and boys' other outerwear, total.....	xxx	211,313	xxx	128,526
2329312	Swimwear and athletic shorts, woven fabric, total.....	1,448		1,324	25,669
2253313	Men's, elastic fabric.....	296			
2253315	Men's, other than elastic fabric.....	670			
2253385	Boys'.....	432			
2329361	Men's and boys' sweaters, total.....	xxx	123,308	xxx	63,720
2353112	Made in cut and sew shop.....	xxx	12,953	xxx	(NA)
	Made in knitting mill.....	xxx	110,355	xxx	(NA)
	Men's sweaters, by fiber, total.....	2,247		1,211	52,141
2253111	All wool.....	1,074		805	36,272
2253114	Acrylic fibers.....	451			
2253113	All man-made fibers, except acrylic fibers.....	26			
2253118	Other yarns.....	696			
2253121	Boys' sweaters, by fiber, total.....	1,021			
2253124	All wool.....	137			
2253123	Acrylic fibers.....	507			
2253128	All man-made fibers, except acrylic fibers.....	(2)			
	Other yarns.....	2337			
	All other outerwear, not elsewhere classified, total.....	(NA)	55,527	576	13,392
2329341	Other outerwear made from woven fabrics (including slack suits, ski and snow pants and leggings, and wash suits).....	(NA)	36,601	426	10,786
	Other knit outerwear (including knit swimwear), total.....	(NA)	18,926	150	2,606
2329381	Made in cut and sew shop.....	(NA)	6,787	(NA)	(NA)
2253341	Made in knitting mill.....	(NA)	12,139	(NA)	(NA)
2329300	Men's and boys' other outerwear, not specified by kind.....	xxx	3,393	xxx	25,745
2329000	Men's and boys' clothing, n.e.c., not specified by kind.....	xxx	18,514	xxx	19,680

NA Not available.

xxx Not applicable.

<sup>1</sup>Quantity detail as collected in 1958 Annual Apparel Report MA23A; value figures are from the 1958 Census of Manufactures.<sup>2</sup>For 1958, product code 2253123 combined with product code 2253128 to avoid disclosing figures for individual companies.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-23C-1

### WOMEN'S AND MISSES' BLOUSES INDUSTRY

(Industry Code 2331—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Women's and Misses' Blouses Industry made products valued at \$430 million, an increase of 14 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 8 percent from 1954 to 1958 to a total of 46,4 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$196 million in 1958, an increase of 18 percent from 1954

when the previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in prices levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE WOMEN'S AND MISSES' BLOUSES INDUSTRY, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2331)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	46.4	43.0	+8
Payroll.....	Million dollars...	121.3	99.8	+22
Production workers:				
Number.....	Thousands.....	41.1	39.6	+4
Man-hours.....	Millions.....	71.5	67.9	+5
Wages.....	Million dollars...	96.0	82.2	+17
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	195.7	165.4	+18
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	195.7	165.9	+18
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	235.6	211.3	+12
Value of production <sup>5</sup> .....	..do.....	430.4	377.4	+14
Capital expenditures, new.....	..do.....	2.3	2.4	-4
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	721	700	+3

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly. Includes value of resales for both years.

<sup>5</sup>For explanation see text under "Value of production." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Women's and Misses' Blouses Industry includes establishments engaged primarily in the manufacture of Women's, misses', and juniors' blouses, waists, and shirts. Establishments engaged in the manufacture of women's, misses' and juniors' knit outerwear sport shirts (polo, tennis, basque, etc.) from yarns knit in the same establishment are classified in Industry 2253, Knit Outerwear mills; knit outerwear sport shirts made from purchased knit fabric are classified in Industry 2339, Women's Outerwear, N.E. C. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Women's and Misses' Blouses Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Women's and Misses' Blouses Industry amounted to \$430 million.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

Table 2.—GENERAL STATISTICS FOR THE WOMEN'S AND MISSES' BLOUSES INDUSTRY (S.I.C. CODE 2291), BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup>	Adjusted <sup>3</sup>					
United States, total.....	46,378	121,258	41,147	71,522	96,048	195,740	195,662	430,412	2,311	721	42,980	165,352
New England.....	2,734	6,981	2,502	4,419	5,968	9,679	9,634	15,678	83	46	1,943	6,381
Connecticut.....	774	1,769	726	1,177	1,554	2,536	2,550	4,502	18	12	758	2,069
Middle Atlantic.....	29,981	81,265	26,539	45,367	63,391	133,427	133,412	318,915	1,379	507	33,393	131,076
New York.....	14,089	44,511	11,779	20,885	31,166	81,207	81,115	233,255	763	270	16,632	81,920
New Jersey.....	2,276	5,578	1,984	3,098	4,637	8,622	8,776	15,620	68	39	2,447	7,965
Pennsylvania.....	13,616	31,176	12,776	21,384	27,588	43,598	43,421	70,040	548	198	14,314	41,191
East North Central.....	1,581	4,547	1,323	2,308	3,180	8,053	8,067	13,895	89	23	938	3,971
West North Central.....	812	2,187	676	1,199	1,595	3,029	3,044	5,000	37	11	325	1,214
South.....	7,575	16,333	6,826	12,298	13,719	23,612	23,571	36,469	554	62	3,005	10,179
North Carolina.....	669	1,521	559	997	1,174	2,343	2,266	6,810	37	6	377	684
Texas.....	945	1,955	853	1,551	1,575	2,657	2,653	4,014	141	12	657	1,705
West.....	3,695	9,945	3,261	5,936	8,195	17,940	17,934	40,391	169	72	3,373	12,529

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF WOMEN'S AND MISSES' BLOUSES MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes value of these products reported not only establishments classified in the Women's and Misses' Blouses Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production")

Product code	Product by wholesale factory price and fabric <sup>1</sup>	1958 <sup>2</sup>	1954
		Value of production (\$1,000) <sup>2</sup>	
2331—	Women's, misses' and juniors' blouses, waists, and shirts.....	328,736	315,658
		Total production - cuttings (1,000 dozen)	
	Women's misses' and juniors' blouses, waists, and shirts.....	14,380	12,686
	Cotton.....	10,326	6,569
	Rayon and acetate.....	890	1,760
	Nylon.....	834	1,425
	Man-made fibers, other than rayon, acetate and nylon.....	831	525
	Wool.....	458	784
	Other fabrics, including silk, linen, etc.....	1,041	1,623
	Priced under \$23.00 per dozen.....	8,611	6,497
2331011	Cotton.....	7,094	4,372
2331012	Rayon and acetate.....	502	640
2331051	Nylon.....	237	360
2331071	Man-made fibers, other than rayon, acetate and nylon.....	213	242
2331091	Wool.....	192	258
2331081	Other fabrics, including silk, linen, etc.....	373	4625
	Priced from \$23.00 to 38.99 per dozen.....	3,767	3,169
2331012	Cotton.....	2,466	1,630
2331022	Rayon and acetate.....	182	544
2331052	Nylon.....	268	464
2331072	Man-made fibers, other than rayon, acetate and nylon.....	348	171
2331032	Wool.....	120	205
2331082	Other fabrics, including silk, linen, etc.....	383	4155
	Priced from \$39.00 or over per dozen.....	2,002	2,865
2331013	Cotton.....	766	558
2331023	Rayon and acetate.....	206	(D)
2331053	Nylon.....	329	(D)
2331073	Man-made fibers, other than rayon, acetate and nylon.....	270	112
2331033	Wool.....	146	321
2331083	Other fabrics, including silk, linen, etc.....	285	4697
2331000	Price not specified.....	...	155
2331010	Cotton.....	...	9
2331020	Rayon and acetate.....	...	(D)
2331050	Nylon.....	...	(D)
2331080	Other fabrics, including silk, linen.....	...	4146

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.<sup>2</sup> The price line figures for 1958 and 1954 are not strictly comparable since both the lower and upper limits of the 1958 intervals are 50 cents less than those used in 1954. For example, for 1958 the price range of \$23.00 to \$38.99 per dozen for women's, misses' and juniors' blouses is compared with the price range \$23.50 to \$39.49 per dozen for 1954.<sup>3</sup> For 1958, the value of production was obtained from the 1958 Census of Manufactures; production detail was collected in the 1958 Annual Apparel Report MA23A-08.<sup>4</sup> The 1958, quantity data were not reported by establishments whose value of shipments of women's blouses amounted to \$16,453,000. To this degree, the 1954 quantity figures are somewhat understated.<sup>5</sup> A small amount of fabric not specified is included with all other fabrics.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-233-2

### DRESSES, DOZEN-PRICE, INDUSTRY

(Industry Code 2334--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Dresses, Dozen-price, Industry made products valued at \$507 million, an increase of 13 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 4 percent from 1954 to 1958 to a total of 56.9 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$245 million in 1958, an increase of 18 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE DRESSES, DOZEN-PRICE, INDUSTRY, IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2334)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	56.9	54.5	+4
Payroll.....	Million dollars...	152.0	137.3	+19
Production workers:				
Number.....	Thousands.....	50.1	49.4	+1
Man-hours.....	Millions.....	93.4	90.1	+4
Wages.....	Million dollars...	119.5	100.1	+19
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	244.8	205.1	+19
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	245.1	207.7	+18
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	262.6	238.2	+11
Value of production <sup>5</sup> .....	..do.....	406.7	447.4	+13
Capital expenditures, new.....	..do.....	2.8	2.4	+17
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	661	532	+24

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Alaska and Hawaii were not States until 1959. They will be covered in separate reports.

<sup>2</sup>Value of production ~~less~~ cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production." Include value of resales both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00



The Dresses, Dozen-price, Industry includes establishments engaged primarily in the manufacture of women's and misses' household apparel chiefly of washable fabrics. The garments manufactured by establishments in this industry are usually sold by the dozen, and include such articles as aprons, smocks, hoovers, house dresses, and nurses' and maids' uniforms. Establishments primarily engaged in manufacturing aprons, smocks, etc. of plastic and rubberized fabric are classified in Industry 2385, waterproof outer garments; aprons, smocks, etc. of rubber in Industry 3099, Rubber Industries, N.E.C. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Dresses, Dozen-price, Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Dresses, Dozen-price, Industry amounted to \$507 million. Of this total, \$392 million were products primary to the industry, \$17 million were products primary to other industries,

and \$98 million were receipts for miscellaneous activities. The industry production of primary products represented 96 percent of the total manufactured production (primary and secondary). The 1954 ratio was 94 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$415 million of dozen-price dresses were made by all producers of these products. Of this total, \$392 million, or 94 percent, were made by plants classified in Industry 2334, Dresses, Dozen-price, while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

3

Table 1.—GENERAL SUMMARY OF THE MANUFACTURING INDUSTRY, 1958, BY REGION AND STATE: CIVIL AND MILITARY

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of production <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>					
United States, total.....	15,800,000	12,500,000	10,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
New England.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
Maine.....	10,000	8,000	6,000	6,000	6,000	600	600	600	600	600	60,000	600
Middle Atlantic.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
New York.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
New Jersey.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
Pennsylvania.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
East North Central.....	2,000,000	1,600,000	1,200,000	120,000	120,000	12,000	12,000	12,000	12,000	12,000	1,200,000	12,000
Ohio.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
Indiana.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
Illinois.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
West North Central.....	4,000,000	3,200,000	2,400,000	240,000	240,000	24,000	24,000	24,000	24,000	24,000	2,400,000	24,000
Minnesota.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
Missouri.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
South Atlantic.....	11,000,000	9,000,000	7,000,000	700,000	700,000	70,000	70,000	70,000	70,000	70,000	7,000,000	70,000
Maryland.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
Virginia.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
North Carolina.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
South Carolina.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
Florida.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
East South Central.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
Tennessee.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
West South Central.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
Texas.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
West.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000
California.....	1,000,000	800,000	600,000	60,000	60,000	6,000	6,000	6,000	6,000	6,000	600,000	6,000

<sup>1</sup> Regions and States are defined as in the 1950 Census of Manufactures. The District of Columbia is included in the South Atlantic region. Alaska and Hawaii are included in the West region.

<sup>2</sup> Value added by manufacture is the sum of the value of the products of the manufacturing industry, less the value of the materials and supplies used in the production process, plus the value of the change in the stock of finished goods.

<sup>3</sup> Establishments with 20 or more employees are those establishments which reported data on employment, payroll, and value added by manufacture.

<sup>4</sup> The value of production is the sum of the value of the products of the manufacturing industry, less the value of the materials and supplies used in the production process, plus the value of the change in the stock of finished goods.

<sup>5</sup> Capital expenditures are those expenditures for the acquisition of new fixed assets, including buildings, machinery, and equipment, which are expected to have a useful life of more than one year.

<sup>6</sup> The number of establishments with 20 or more employees is the number of establishments which reported data on employment, payroll, and value added by manufacture.

<sup>7</sup> The value added by manufacture is the sum of the value of the products of the manufacturing industry, less the value of the materials and supplies used in the production process, plus the value of the change in the stock of finished goods.

<sup>8</sup> The value of production is the sum of the value of the products of the manufacturing industry, less the value of the materials and supplies used in the production process, plus the value of the change in the stock of finished goods.

<sup>9</sup> Capital expenditures are those expenditures for the acquisition of new fixed assets, including buildings, machinery, and equipment, which are expected to have a useful life of more than one year.

<sup>10</sup> The number of establishments with 20 or more employees is the number of establishments which reported data on employment, payroll, and value added by manufacture.

## 1958 CENSUS OF MANUFACTURES

Table 3.--QUANTITY AND VALUE OF WOMEN'S, MISSES' AND JUNIORS' DRESSES, DOZEN-PRICE, MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954  
(Includes quantity and value of these products reported not only by establishments classified in the Dresses, Dozen-Price, Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production.")

Product code	Product	Total production (Cuttings)			
		1958 <sup>1</sup>		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2334---	Women's, misses', and juniors' dresses, dozen-price, and washable service apparel, total.....	xxx	414,996	xxx	367,731
2334110	Dresses, dozen-price, total.....	8,131	321,333	(NA)	296,789
	Quantity reported.....	8,131	321,333	9,215	296,532
	Quantity not reported.....	...	...	xxx	257
	Priced under \$23.00 per dozen, total <sup>2</sup> .....	1,323	...	2,843	...
2334111	Cotton fabrics.....	1,303	...	2,434	...
2334121	Rayon and acetate fabrics.....	20	...	2409	...
2334181	Other fabrics.....	2,962	...	3,161	...
	Priced from \$23.00 to \$30.99 per dozen, total <sup>2</sup> .....	2,908	...	3,072	...
2334112	Cotton fabrics.....	34	...	33	...
2334122	Rayon and acetate fabrics.....	20	...	356	...
2334182	Other fabrics.....	2,241	321,333	1,700	296,532
	Priced from \$31.00 to \$45.99 per dozen, total <sup>2</sup> .....	1,947	...	1,367	...
2334113	Cotton fabrics.....	227	...	312	...
2334123	Rayon and acetate fabrics.....	67	...	321	...
2334183	Other fabrics.....	1,605	...	1,378	...
	Priced from \$46.00 and over per dozen, total <sup>2</sup> .....	1,120	...	870	...
2334114	Cotton fabrics.....	290	...	418	...
2334124	Rayon and acetate fabrics.....	195	...	390	...
2334184	Other fabrics.....	...	...	133	...
2334100	Price not specified.....	xxx	93,663	xxx	56,602
2334211	Aprons, smocks, hooovers, and washable service apparel.....	xxx	...	xxx	14,340
2334000	Women's, misses' and juniors' dresses, dozen-price and washable service apparel, not specified by kind.....	xxx	...	xxx	...

NA Not available.

xxx Not applicable.

<sup>1</sup>Value figures for 1958 were obtained from the 1958 Census of Manufactures; product detail were collected in the 1958 Annual Apparel Report on Form MA23A.

<sup>2</sup>The price line figures for 1958 and 1954 are not strictly comparable since both the lower and upper limits of the 1958 intervals are 50 cents less than those used in 1954. For example, for 1958 the price range of \$23.00 to \$30.99 per dozen for women's, misses' and juniors dresses, dozen-priced is compared with the price range \$23.50 to \$31.49 for 1954.

<sup>3</sup>Also includes fabric not specified by kind.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

MA-100

MO(1)-2-1-1

### DRESSES, UNIT-PRICE INDUSTRY

(Industry Code 2333—SIC system in use through 1957)

Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Dresses, Unit-Price Industry made products valued at \$1,629 million, an increase of 11 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 7 percent from 1954 to 1958 to a total of 133.8 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$772 million in 1958, an increase of 17 percent from 1954 when the previous

census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table ---GENERAL STATISTICS FOR THE DRESSES, UNIT-PRICE, INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2333)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	133.8	145.3	-7
Payroll.....	Million dollars...	453.3	418.6	+8
Production workers:				
Number.....	Thousands.....	115.9	129.5	-11
Man-hours.....	Millions.....	197.6	219.3	-1
Wages.....	Million dollars...	345.1	334.8	+3
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	773.1	661.3	+16
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	772.4	662.2	+17
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	47.4	801.7	+7
Value of production <sup>5</sup> .....	..do.....	1,629.3	1,464.4	+11
Capital expenditures, new.....	..do.....	8.7	5.1	+71
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	2,362	2,409	-7

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Dresses, Unit-Price, Industry includes establishments engaged primarily in the manufacture of women's, misses', and juniors' dresses, including ensemble dresses. The garments manufactures by establishments classified in this industry are usually sold by the piece. Establishments primarily engaged in manufacturing aprons, smocks, hoovers, and house dresses usually sold by the dozen and classified in Industry 2334. Knitting mills primarily engaged in manufacturing women's, misses' and juniors' knit dresses and suits are classified in Industry 2253, Knit Outerwear Mill. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in the Dresses, Unit-Price, Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Dresses, Unit-Price, Industry amounted to \$1,629 million.

The total value of production for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$1,289 million of dresses sold at a unit price were made by all producers of these products.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1936 CENSUS OF MANUFACTURES

Region and State <sup>1</sup>	1934										1934		
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>3</sup>	
	Number	Payroll	Number	Man-hour	Wages	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>						
		(\$1,000)		(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)		(1,000)		
United States, total	133,841	4,248	117,371	3,471,714	104,121	772,440	772,440	1,144,287	8,738	2,322	1,144,287	1,144,287	
New England	14,268	45,807	12,874	21,448	34,425	11,117	11,117	121,322	692	189	13,871	50,962	
Massachusetts	9,288	28,234	8,122	11,988	12,173	41,643	41,643	40,111	494	114	8,691	35,774	
Rhode Island	78	1,822	73	1,304	1,661	1,111	1,111	2,916	53	13	750	2,586	
Connecticut	3,902	1,028	2,977	6,915	8,215	10,780	10,780	27,054	131	49	3,378	11,088	
Middle Atlantic	11,833	28,071	80,304	15,744	24,061	12,734	12,734	1,250,440	5,923	1,788	103,381	491,150	
New York	69,773	101,143	7,121	17,444	171,460	40,000	40,000	1,080,111	4,815	1,346	77,782	418,667	
New Jersey	9,855	27,400	7,112	14,111	24,000	10,440	10,440	78,601	128	199	9,801	29,989	
Pennsylvania	17,205	48,537	11,071	24,284	11,661	51,314	59,956	85,647	1,040	243	15,797	42,492	
East North Central	51,007	18,318	4,729	8,111	12,861	18,257	28,407	53,418	394	69	8,284	37,418	
Ohio	4,465	1,111	387	750	116	2,147	2,147	3,648	(1)	6	1,397	8,080	
Illinois	3,800	12,792	3,357	4,481	1,367	17,174	17,174	7,726	33,240	309	57	4,949	21,812
Wisconsin	1,213	4,076	95	1,811	2,185	8,076	8,193	15,845	41	6	1,490	6,343	
West North Central	3,911	12,649	3,247	4,871	11,447	21,381	21,713	38,327	214	36	4,749	20,843	
Missouri	3,008	9,846	2,437	4,397	11,724	16,810	16,952	30,478	91	27	4,057	18,065	
South Atlantic	4,134	11,514	3,503	6,415	8,436	18,432	18,445	31,702	467	73	3,047	13,333	
Georgia	1,118	1,265	1,493	953	1,076	2,138	2,146	3,121	15	7	386	1,292	
Florida	1,403	5,462	1,318	2,341	3,842	9,411	9,428	16,637	240	24	1,108	4,655	
East South Central	889	2,291	802	1,957	1,985	5,087	5,091	7,066	47	4	175	712	
West South Central	4,086	11,181	3,605	6,592	8,610	16,647	16,772	30,574	239	42	3,073	12,480	
West	8,085	27,267	6,802	11,361	20,019	50,247	50,340	96,416	762	141	6,718	31,841	
Arizona	303	795	276	502	608	1,294	1,292	1,991	23	5	206	846	
California	7,687	21,254	6,448	10,696	19,206	48,443	48,520	93,493	730	134	6,254	30,326	

<sup>1</sup> D Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>3</sup> Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>4</sup> Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>5</sup> For explanation see text under "Value of production."

<sup>6</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.--QUANTITY AND VALUE OF PRODUCTION OF WOMEN'S, MISSES' AND JUNIORS' UNIT-PRICED DRESSES MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes value of these products reported not only by establishments classified in the Dresses, Unit-Priced Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product by wholesale factory prices and fabric <sup>1</sup>	1958 <sup>2</sup>	1954
		Value of production (\$1,000)	
2333010	Women's, misses', and juniors' unit-priced dresses <sup>3</sup> .....	1,289,442	1,167,255
		Quantity of production-cuttings (1,000 units)	
	Women's, misses' and juniors' unit-priced dresses, total <sup>3</sup> .....	144,915	137,589
	Priced under \$6.00 per unit, total.....	62,718	66,124
2333011	Cotton.....	26,115	25,940
2333021	Rayon and acetate.....	33,831	36,135
2333051	Nylon.....	1,150	836
2333031	Wool.....	454	344
2333081	Other fabrics, including silk and linen.....	1,168	12,869
	Priced from \$6.00 to \$9.99 per unit, total.....	43,712	38,993
2333012	Cotton.....	16,315	14,002
2333022	Rayon and acetate.....	20,448	21,404
2333052	Nylon.....	1,575	793
2333032	Wool.....	2,582	1,417
2333082	Other fabrics, including silk and linen.....	2,792	1,377
	Priced from \$10.00 to \$15.99 per unit, total.....	25,481	20,509
2333013	Cotton.....	7,429	5,036
2333023	Rayon and acetate.....	9,150	9,783
2333053	Nylon.....	1,294	750
2333033	Wool.....	3,501	2,688
2333083	Other fabrics, including silk and linen.....	4,107	2,252
	Priced from \$16.00 or over per unit, total.....	13,004	10,896
2333014	Cotton.....	2,165	1,859
2333024	Rayon and acetate.....	4,299	3,748
2333054	Nylon.....	649	419
2333034	Wool.....	1,968	1,745
2333084	Other fabrics, including silk and linen.....	3,925	3,125
2333000	Price not specified.....	...	1,067

<sup>1</sup>The price line data for 1958 and 1954 are not strictly comparable since both the lower and upper limits of the 1958 intervals are 50 cents less than those used in 1954. For example, for 1958 the price range of \$6.00-\$9.99 each for unit-price dresses is compared with the price range \$6.50-\$10.49 for 1954.

<sup>2</sup>For 1958, the value of production was obtained from the 1958 Census of Manufactures; the production detail was collected in the 1958 Annual Apparel Survey on Form MA23A. The value figures reported in the Census of Manufactures differ from those reported in the Annual Apparel Survey by about 7 percent. It appears that there may be some undercoverage in the Annual Apparel Survey. These differences are presently being investigated and any necessary revisions will be shown in the final 1958 Census of Manufactures report for Industry 2333 and in the final 1959 Annual Apparel Survey report.

<sup>3</sup>For 1954 and 1958, knit dresses and suits made in knitting mills are excluded. Detail for this product is included in Industry 2253, "Knit Outerwear Mills".

<sup>4</sup>In 1954, quantity figures were not reported by establishments whose value of shipments of unit-priced dresses amounted to 69,815,000. To this degree, there is some understatement in the quantity figures shown for 1954.

<sup>5</sup>Also includes fabric not specified.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-23C-4

### WOMEN'S OUTERWEAR N.E.C., INDUSTRY

(Industry Code 2339--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Women's Outerwear Not Elsewhere Classified, Industry made products valued at \$426 million, an increase of 62 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 35 percent from 1954 to 1958 to a total of 34,3 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$186 million in 1958, an increase of 58 percent from 1954 when the previous census was taken.

Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE WOMEN'S OUTERWEAR, N.E.C. INDUSTRY, IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2339)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	34.3	25.4	+35
Payroll.....	Million dollars...	104.7	67.3	+56
Production workers:				
Number.....	Thousands.....	28.9	22.6	+28
Man-hours.....	Millions.....	51.8	42.1	+23
Wages.....	Million dollars...	75.4	51.5	+46
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	180.8	115.0	+57
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	185.5	117.0	+58
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	241.9	145.7	+66
Value of production <sup>5</sup> .....	do.....	426.1	265.6	+62
Capital expenditures, new.....	do.....	5.1	1.9	+65
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	421	352	+20

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Women's Outerwear, N.E.C., Industry includes establishments engaged primarily in the manufacture of women's and misses outerwear, not elsewhere classified, such as bathing suits, slacks, ski suits, sweaters, and outerwear sport shirts, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253, Knit Outerwear Mills. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Women's Outerwear, N.E.C., Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Women's Outerwear, N.E.C., Industry amounted to \$426 million.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$596 million of women's outerwear, N.E.C., were made by all producers of these products.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and totals for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1954 CENSUS OF MANUFACTURES

Table 1. GENERAL STATISTICS FOR THE WOMEN'S WEARWEAR, N.E.C. INDUSTRY (S.I.C. CODE 229), BY REGIONS AND STATES: 1954 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	24,874	14,473	20,862	14,700	75,411	100,795	185,543	420,110	3,008	421	25,501	115,046
Northeast and North												
Central.....	20,145	51,518	17,104	13,006	44,220	107,281	111,108	271,248	1,938	283	14,843	62,379
Massachusetts.....	1,524	4,547	1,200	8,221	3,391	7,133	7,133	15,157	125	26	1,420	5,131
Connecticut.....	448	1,645	277	675	974	3,799	3,800	7,273	48	8	274	80
New York.....	6,006	29,627	7,706	13,809	20,107	51,668	52,520	146,753	980	153	7,418	34,042
Pennsylvania.....	4,059	11,085	3,704	6,018	9,206	17,520	18,018	39,548	280	55	2,289	8,845
Illinois.....	654	1,757	502	1,071	1,460	4,956	2,949	5,055	51	9	426	1,924
South Atlantic.....	4,500	10,765	3,819	6,689	8,403	17,060	16,869	38,804	297	37	2,559	10,107
Maryland.....	951	3,060	793	1,459	2,037	4,919	4,796	13,581	28	12	537	3,455
Florida.....	314	747	271	592	614	1,317	1,302	2,285	42	6	605	1,909
East South Central.....	660	1,547	591	1,033	1,212	1,726	1,728	2,501	74	7	734	1,641
West South Central.....	1,582	3,619	1,289	2,350	3,022	5,263	5,262	12,499	105	12	835	2,998
Texas.....	1,140	3,115	1,064	1,903	2,598	4,656	4,649	11,390	71	9	801	2,904
Mountain.....	427	1,212	352	639	839	2,544	2,519	3,958	18	7	172	805
Pacific.....	7,340	26,212	5,807	10,965	17,710	46,921	48,057	97,100	656	75	6,215	37,112
California.....	6,234	22,370	4,995	9,458	15,325	41,484	42,524	84,150	634	70	5,160	27,775

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.--QUANTITY AND VALUE OF WOMEN'S OUTERWEAR, N.E.C., MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Women's Outerwear, N.E.C., Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production")

Product code	Product	Total production (cuttings)			
		1958 <sup>1</sup>		1954	
		Quantity (1,000 doz.)	Value (\$1,000)	Quantity (1,000 doz.)	Value (\$1,000)
2339---	Women's, misses', and juniors' outerwear, n.e.c.....	xxx	596,438	xxx	394,602
	Women's, misses', and juniors' outerwear, n.e.c., made from woven fabrics, total....	xxx	240,560	xxx	162,223
2339022	Woven fabric bathing suits, total.....	985		741	45,591
2253333	Elastic.....	608		479	32,492
2253335	Other.....	377		262	13,099
2339029	All other woven fabric outerwear:				
2339015	Dungarees and jeans.....	1,095		1,320	25,170
2339018	Other play garments, including playsuits, playshorts, halters, etc.....	4,259		3,734	62,840
2339021	Overalls, coveralls, one-piece worksuits, and overalls with jackets.....	11		(NA)	(NA)
2339041	Ski and snow pants.....	27		18	1,248
	Slacks, including work slacks, total.....	2,083		911	27,374
2339061	Cotton.....	1,417		228	6,451
2339062	Rayon and acetate.....	170		230	6,135
2339068	Other fabrics.....	496		453	14,788
	Women's, misses', and juniors' outerwear, n.e.c., made from knit fabrics, total.....	xxx	332,273	xxx	205,219
2253132	Women's, misses', and juniors' sweaters, total.....	7,510	269,163	5,387	180,473
2339042	Made in knitting mills.....	(NA)	244,703	(NA)	(NA)
	Made in cut-and-sew shops.....	(NA)	24,460	(NA)	(NA)
	Pullover sweaters and jerseys, total.....	4,064		3,082	91,777
2253131	All wool.....	770		1,387	41,694
2253133	All man-made fibers, except acrylic fibers.....	606			
2253134	Acrylic fibers.....	2,290		1,695	50,083
2253138	Other yarns, including mixtures and blends.....	398			
	Coat and cardigan sweaters, total.....	3,446	269,163	2,305	88,696
2253141	All wool.....	570		799	35,018
2253143	All man-made fibers, except acrylic fibers.....	386			
2253144	Acrylic fibers.....	2,142		1,506	53,678
2253148	Other yarns, including mixtures and blends.....	348			
	Women's, misses', and juniors' knit outerwear sport shirts, total.....	2,433	35,743	1,321	22,332
2253232	Made in knitting mills.....	(NA)	7,858	(NA)	(NA)
2339044	Made in cut-and-sew shops.....	(NA)	27,885	(NA)	(NA)
	All other knit outerwear (including knit swimwear), total.....	(NA)	27,367	29	2,414
	Made in knitting mills.....	(NA)	8,479	(NA)	(NA)
	Made in cut-and-sew shop.....	(NA)	18,888	(NA)	(NA)
2339000	Women's, misses', and juniors' outerwear, not specified by kind.....	xxx	23,605	xxx	27,160

NA Not available.

xxx Not applicable.

<sup>1</sup>Detail collected in the Annual Apparel Survey, MA23A. Values by specific type of garment are not available for 1958.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-23C-5

### WOMEN'S SUITS, COATS, AND SKIRTS INDUSTRY

(Industry Code 2337--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Women's Suits, Coats, and Skirts Industry made products valued at \$1,223 million, a decrease of 4 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 14 percent from 1954 to 1958 to a total of 83.0 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$522 million in 1958, a decrease of 2 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE WOMEN'S SUITS, COATS, AND SKIRTS INDUSTRY, IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2337)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	83.0	96.0	-14
Payroll.....	Million dollars...	304.9	326.9	-7
Production workers:				
Number.....	Thousands.....	69.8	84.4	-17
Man-hours.....	Millions.....	120.3	147.5	-18
Wages.....	Million dollars...	227.3	252.3	-10
Value added by manufacture, unadjusted <sup>2</sup> .....	...do.....	512.5	529.6	-3
Value added by manufacture, adjusted <sup>3</sup> .....	...do.....	521.6	531.6	-2
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	...do.....	709.7	739.8	-4
Value of production <sup>5</sup> .....	...do.....	1,223.3	1,272.0	-4
Capital expenditures, new.....	...do.....	(NA)	3.6	(NA)
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	1,335	1,476	-10

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Women's Suits, Coats, and Skirts Industry includes establishments engaged primarily in the manufacture of women's and misses' suits, skirts, and coats other than fur. Establishments primarily engaged in manufacturing women's and misses' jackets (except leather), fur-trimmed coats and uniform coats, suits, and jackets are also included in Industry 2337. Establishments primarily engaged in manufacturing fur garments are classified in Industry 2371, Fur Goods; and knitting mills primarily engaged in manufacturing outerwear in Industry 2253, Knit Outerwear Mills. Establishments primarily engaged in manufacturing women's and misses' ski, snow, and slack suits, play garments, slacks, and work jackets are classified in Industry 2339, Women's Outerwear, N.E.C. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Women's Suits, Coats, and Skirts Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Women's Suits, Coats, and Skirts Industry amounted to \$1,223 million. Of this total, \$968 million were products primary to the industry, \$68 million were products primary to other industries, and \$187

million were receipts for miscellaneous activities. The industry production of primary products represented 93 percent of the total manufactured production (primary and secondary). The 1954 ratio was 94 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$1,043 million of women's suits, coats, and skirts were made by all producers of these products. Of this total, \$968 million, or 93 percent, were made by plants classified in Industry 2337, Women's Suits, Coats, and Skirts, while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and totals for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR THE WOMEN'S SUITS, COATS, AND SKIRT INDUSTRY (SIC CODE 2337), BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958								1954		
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup> (\$1,000)	No. of establishments with 20 or more employees <sup>2</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup> (\$1,000)
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)				
United States, total.....	83,002	304,897	69,826	120,289	227,300	512,538	521,601	1,223,330	1,335	36,022	529,623
New England.....	7,791	26,026	6,594	11,241	19,135	44,490	44,601	102,827	127	8,100	42,014
Massachusetts.....	6,203	20,958	5,230	8,824	15,134	36,350	36,365	89,092	106	6,270	34,713
Middle Atlantic.....	54,450	205,369	45,390	78,504	152,960	344,851	353,165	857,394	929	62,290	356,307
New York.....	39,209	159,197	31,434	54,784	112,455	283,857	285,181	763,393	698	45,983	289,715
New Jersey.....	11,475	35,846	10,621	18,123	32,074	46,863	53,772	72,734	186	12,634	52,243
Pennsylvania.....	3,746	10,326	3,335	5,597	8,431	14,111	14,212	21,267	45	3,673	14,348
East North Central.....	4,046	15,771	3,460	6,089	11,884	25,951	26,183	54,073	51	5,052	26,097
Ohio.....	729	2,426	625	1,108	1,734	3,527	3,608	7,577	8	1,238	5,963
Indiana.....	360	930	302	555	746	2,920	2,990	5,189	3	274	707
Illinois.....	2,155	9,885	1,856	3,240	7,598	15,634	15,785	33,897	27	2,832	15,407
Wisconsin.....	627	1,914	524	957	1,402	2,862	2,893	5,700	8	505	2,015
West North Central.....	4,142	15,418	3,474	6,276	10,546	25,216	25,374	56,165	44	4,363	23,611
Missouri.....	3,105	11,966	2,600	4,605	8,070	18,293	18,379	41,720	30	3,325	18,817
South Atlantic.....	2,043	6,201	1,753	2,714	4,817	10,178	10,197	26,336	22	3,245	13,863
Maryland.....	1,267	4,452	1,046	1,643	3,212	7,480	7,500	20,236	12	1,608	7,915
Georgia.....	267	856	257	425	821	1,235	1,246	2,755	4	270	885
East South Central.....	1,078	2,554	1,005	1,598	2,088	3,510	3,287	6,908	6	2,111	7,685
West South Central.....	1,210	3,616	1,038	1,988	2,545	5,467	5,446	10,976	19	1,715	6,757
Texas.....	1,190	3,586	1,020	1,971	2,517	5,419	5,397	10,803	19	1,715	6,757
Mountain.....	322	835	297	535	645	1,318	1,311	2,397	4	245	1,012
Pacific.....	7,940	29,107	6,815	11,344	22,680	51,577	52,037	106,254	133	8,898	52,282
California.....	7,551	28,005	6,486	10,872	21,862	49,895	50,354	102,928	123	8,514	50,153

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.--QUANTITY AND VALUE OF WOMEN'S SUITS, COATS, AND SKIRTS MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Women's Suits, Coats, and Skirts Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production")

Product code	Wholesale factory price and fabric <sup>1</sup>	1958	1954
		Total value of production (\$1,000)	
2337----	Women's, misses', and juniors' coats, suits, and skirts, total.....	1,042,760	1,101,371
		Total production (cuttings) <sup>2</sup> (1,000 units)	
2337151	Women's, misses', and juniors' untrimmed coats, including toppers, capes, and reversible coats, total.....	21,746	21,042
	Priced under \$16.00 per unit, total.....	10,015	7,874
2337051	Wool.....	6,816	5,894
2337021	Rayon and acetate.....	2,200	1,058
2337081	Other fabrics.....	999	922
	Priced from \$16.00 to \$38.99 per unit, total.....	8,145	9,465
2337032	Wool.....	7,145	8,988
2337022	Rayon and acetate.....	294	477
2337082	Other fabrics.....	706	
	Priced from \$39.00 or over per unit, total.....	3,586	2,123
2337033	Wool.....	3,259	2,054
2337023	Rayon and acetate.....	84	6
2337083	Other fabrics.....	243	363
	Price not specified.....	...	1,576
2337030	Wool.....	...	665
2337020	Rayon and acetate.....	...	
2337080	Other fabrics.....	...	911
2337111	Women's, misses' and juniors' fur-trimmed coats, total.....	1,216	1,541
	Priced under \$39.00 per unit, total.....	638	791
2337131	Wool.....	582	740
2337181	Other fabrics.....	56	51
	Priced from \$39.00 to \$75.00 per unit, total.....	369	470
2337132	Wool.....	359	464
2337182	Other fabrics.....	10	6
	Priced from \$76.00 or over per unit, total.....	209	87
2337133	Wool.....	208	63
2337183	Other fabrics.....	1	24
	Price not specified.....	...	193
2337130	Wool.....	...	93
2337180	Other fabrics.....	...	100
2337211	Women's, misses' and juniors' suits, excluding ski, snow, slack and uniform suits, total....	8,717	12,138
	Priced under \$16.00 per unit, total.....	4,917	7,018
2337231	Wool.....	1,646	1,589
2337221	Rayon and acetate.....	2,520	4,817
2337281	Other fabrics.....	751	612
	Priced from \$16.00 to \$38.99 per unit, total.....	2,451	3,416
2337232	Wool.....	2,151	2,775
2337222	Rayon and acetate.....	140	495
2337282	Other fabrics.....	140	148
	Priced from \$39.00 or over per unit, total.....	1,369	1,307
2337233	Wool.....	1,194	1,194
2337223	Rayon and acetate.....	42	
2337283	Other fabrics.....	133	109
	Price not specified.....	...	397
2337230	Wool.....	...	100
2337220	Rayon and acetate.....	...	
2337280	Other fabrics.....	...	297



Table 3.--QUANTITY AND VALUE OF WOMEN'S SUITS, COATS, AND SKIRTS MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954--Continued

Product code	Wholesale factory price and fabric <sup>1</sup>	1958	1954
		Total production (cuttings) <sup>2</sup> (1,000 dozens)	
2337410	Women's, misses', and juniors' skirts, total.....	7,405	5,773
	Priced under \$39.00 per dozen, total.....	4,059	3,091
2337411	Cotton.....	2,157	1,146
2337421	Rayon and acetate.....	323	1,173
2337431	Wool.....	856	722
2337481	Other fabrics.....	123	
	Priced from \$39.00 to \$75.99 per dozen, total.....	2,466	2,053
2337412	Cotton.....	917	595
2337422	Rayon and acetate.....	340	385
2337432	Wool.....	1,106	996
2337482	Other fabrics.....	103	137
	Priced \$76.00 or over per dozen, total.....	880	553
2337413	Cotton.....	220	104
2337423	Rayon and acetate.....	49	
2337433	Wool.....	549	349
2337483	Other fabrics.....	62	
	Price not specified.....	...	76
2337410	Cotton.....	...	4
2337420	Rayon and acetate.....	...	
2337430	Wool.....	...	30
2337480	Other fabrics.....	...	42
2337310	Women's, misses' and juniors' jackets, including uniform, total.....	709	712
2337311	Cotton.....	415	241
2337313	Wool.....	165	137
2337318	Other fabrics.....	129	334

<sup>1</sup>The price line figures for 1958 and 1954 are not strictly comparable since both the lower and upper limits of the 1958 intervals are 50 cents less than those used in 1954. For example, for 1958 the price range of \$16.00 to \$38.99 per unit for women's, misses' and juniors' coats is comparable with the price range \$16.50 to \$39.49 for 1954.

<sup>2</sup>Detail collected in the 1958 Annual Apparel Survey, MA23A. Values by specific type of garment are not available for 1958.

<sup>3</sup>Also includes fabrics not specified by kind.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-23D-1

### CORSETS AND ALLIED GARMENTS INDUSTRY

(Industry Code 2342--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Corsets and Allied Garments Industry made products valued at \$471 million, an increase of 19 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 1 percent from 1954 to 1958 to a total of 38.3 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$248 million in 1958, an increase of 24 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE CORSETS AND ALLIED GARMENTS INDUSTRY, IN THE UNITED STATES: 1958 and 1954

(Standard Industrial Classification Code 2342)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	38.3	38.8	-1
Payroll.....	Million dollars...	123.4	108.5	+14
Production workers:				
Number.....	Thousands.....	32.0	33.7	-5
Man-hours.....	Millions.....	57.2	60.3	-5
Wages.....	Million dollars...	83.7	79.0	+6
Value added by manufacture, unadjusted <sup>2</sup> .....	...do.....	244.7	214.9	+14
Value added by manufacture, adjusted <sup>3</sup> .....	...do.....	247.6	214.6	+15
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	...do.....	225.6	181.8	+24
Value of production <sup>5</sup> .....	...do.....	471.2	397.2	+19
Capital expenditures, new.....	...do.....	3.1	3.0	+3
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	284	320	-11

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Corsets and Allied Garments Industry includes establishments engaged primarily in the manufacture of corsets and corset accessories, brassieres, girdles, foundation garments, and similar body supporting garments. Establishments engaged in manufacturing surgical and orthopedic appliances are classified in Industry 3842, Surgical Appliances and Supplies. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Corsets and Allied Garments Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Corsets and Allied Garments Industry amounted to \$471 million. Of this total, \$415 million were products primary to the industry. \$12 million were products primary to other industries, and \$44 million were receipts for miscellaneous activities. The industry shipments of primary products represented 97 percent of the total manufactured production (primary and secondary). The 1954 ratio was 96 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$425 million of Corsets and Allied Garments were made by all producers of these products. Of this total, \$415 million, or 98 percent, were made by plants classified in Industry 2342, Corsets and Allied Garments while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of productions, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the productions by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE CORSETS AND ALLIED GARMENTS INDUSTRY (S.I.C. CODE 2342) BY REGIONS AND STATES: 1958

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>					
United States, total.....	38,294	123,401	31,996	57,173	83,678	244,708	247,644	471,216	3,118	284	38,807	214,870
New England.....	3,538	11,625	3,018	5,436	8,597	26,903	28,427	52,720	210	28	4,147	31,144
Connecticut.....	2,509	8,157	2,130	3,924	6,082	21,145	22,701	44,144	137	20	2,873	24,409
Middle Atlantic.....	19,726	64,478	16,459	28,902	43,577	112,974	112,772	247,290	1,812	165	21,833	108,120
New York.....	11,665	40,751	9,539	17,049	26,151	69,174	68,813	162,730	1,146	111	12,826	67,308
New Jersey.....	4,284	14,880	3,457	5,891	9,962	31,287	31,304	65,949	330	29	5,171	29,590
Pennsylvania.....	3,777	8,847	3,463	5,962	7,464	12,513	12,655	18,611	336	25	3,835	11,221
North Central.....	4,345	14,537	3,625	6,645	9,181	24,532	24,816	58,994	384	32	5,003	33,235
Illinois.....	2,698	10,793	2,163	4,003	5,944	24,267	24,462	43,231	322	17	3,178	22,643
Michigan.....	596	1,184	513	952	986	3,064	3,050	4,673	(D)	4	712	3,733
South.....	8,337	24,774	6,981	12,726	17,551	58,190	59,481	84,710	361	35	5,596	29,533
Georgia.....	2,781	8,325	2,590	4,692	6,698	19,463	20,269	30,962	154	8	1,768	7,963
Florida.....	347	948	288	534	629	1,216	1,220	2,311	31	5	144	510
West.....	2,348	7,987	1,913	3,464	4,772	12,109	12,148	27,002	341	24	2,227	12,637

<sup>1</sup> D Withheld to avoid disclosure of figures for individual companies.

<sup>2</sup> Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publication detail will appear in the final Census report on this industry.)

<sup>3</sup> Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>4</sup> Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>5</sup> For explanation see text under "Value of production."

<sup>6</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF CORSETS AND ALLIED GARMENTS MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Corsets and Allied Garments Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2342--	Corsets and allied garments.....	xxx	425,441	xxx	351,258
23421--	Brassieres and bandeaux, total.....	(NA)	222,899		
2342113	Chiefly cotton fabric.....	10,840	145,078	13,187	189,861
2342115	Chiefly nylon fabric.....	2,311	49,583		
2342119	All other fabrics.....	1,192	25,492		
2342100	Brassieres and bandeaux, not specified by type of fabric.....	(NA)	2,746		
23422--	Corsets, girdles, roll-ons, and garter belts, total.....	xxx	169,425	xxx	132,814
2342211	Corsets (back-laced and front laced).....	362	11,435	150	8,394
2342231	Girdles (front clasp, side-hooked and zipper).....	2,338	83,470	1,960	71,861
2342251	Roll-ons.....	1,989	63,572	1,518	42,632
2342271	Garter belts.....	753	8,900	635	8,423
2342200	Corsets, girdles, roll-ons and garter belts, not specified by kind.....	xxx	2,048	xxx	1,504
23423--	Combinations and maternity corsets, and corset accessories, total.....	xxx	23,842	xxx	25,984
2342311	Combinations and one-piece garments.....	236	12,869	255	17,096
2342321	Surgical corsets.....	47	2,717	25	1,060
2342331	Maternity corsets and combinations.....	10	426		
2342351	Corset accessories (clasp, stays, etc.).....	xxx	7,672	xxx	7,769
2342300	Combination and maternity corsets, and corset accessories, not specified by kind.....	xxx	158	xxx	59
2342000	Corsets and allied garments, not specified by kind.....	xxx	9,275	xxx	2,599

NA Not available.

xxx Not applicable.

USCIBAM-DC

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25. D. C.  

---

OFFICIAL BUSINESS

Postage and Fees Paid  
U. S. Department of Commerce

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-23D-2

### MILLINERY INDUSTRY

(Industry Code 2351—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Millinery Industry made products valued at \$191 million, an increase of 9 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 11 percent from 1954 to 1958 to a total of 17.9 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$108 million in 1958, an increase of 7 percent from 1954 when the previous census was

taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE MILLINERY INDUSTRY, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2351)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	17.9	20.2	-11
Payroll.....	Million dollars...	64.4	65.8	-2
Production workers:				
Number.....	Thousands.....	15.5	18.2	-15
Man-hours.....	Millions.....	28.7	33.6	-15
Wages.....	Million dollars...	50.5	53.7	-6
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	107.6	101.2	+6
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	108.3	101.6	+7
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	83.2	73.7	+13
Value of shipments <sup>5</sup> .....	..do.....	191.2	175.6	+9
Capital expenditures, new.....	..do.....	1.4	(7)	(NA)
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	286	290	-1

NA Not available.

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Alaska and Hawaii were not States until 1959. They will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

<sup>7</sup>Less than \$500 thousand.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Millinery Industry includes establishments engaged primarily in the manufacture of women's, misses', children's and infants', trimmed hats from felt or straw hat bodies and purchased millinery materials. Establishments primarily engaged in manufacturing fur-felt and wool-felt hat bodies and finished hats made from hat bodies manufactured in the same establishment are classified in Group 228. Hats, except cloth and millinery; women's uniform hats and caps in Industry 2325, Men's and Boys' Cloth Hats; and millinery braid and trimming in Industry 2396, Trimmings and Art Goods. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Millinery Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Millinery Industry amounted to \$191 million. Of this total, \$186 million were products primary to the industry and \$5 million were receipts for miscellaneous activities, with a negligible amount of products primary to other industries.

The industry production of primary products represented 99 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was also 99 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$187 million of millinery were made by all producers of these products. Of this total, all but a negligible amount were made by plants classified in Industry 2351, Millinery, while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of productions, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the productions by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

3

Table 1.-GENERAL STATISTICS FOR THE MILLINERY INDUSTRY (S.I.C. CODE 2511) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of production <sup>3</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>4</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>2</sup> (\$1,000)	(\$1,000)	(\$1,000)			(\$1,000)
United States, total.....	17,784	26,448	17,784	27,000	30,320	2,700	2,700	1,211	1,211	1	17,784	26,448
New England.....	2,114	3,440	2,114	3,000	3,000	2,700	2,700	1,211	1,211	1	2,114	3,440
Middle Atlantic.....	1,770	49,161	1,770	27,000	31,720	23,200	23,200	10,019	1,111	1	1,770	49,161
New York.....	1,770	49,161	1,770	27,000	31,720	23,200	23,200	10,019	1,111	1	1,770	49,161
New Jersey.....	400	1,000	400	600	1,000	1,000	1,000	4,000	1,000	1	400	1,000
Pennsylvania.....	400	1,000	400	600	1,000	1,000	1,000	4,000	1,000	1	400	1,000
West North Central.....	1,770	1,000	1,770	1,400	2,000	5,000	5,000	5,000	1,000	1	1,770	1,000
Ohio.....	1,770	1,000	1,770	1,400	2,000	5,000	5,000	5,000	1,000	1	1,770	1,000
Illinois.....	400	2,000	400	1,000	2,000	4,000	4,000	4,000	1,000	1	400	2,000
West North Central.....	400	2,000	400	1,000	2,000	4,000	4,000	4,000	1,000	1	400	2,000
South.....	400	1,000	400	1,000	2,000	4,000	4,000	4,000	1,000	1	400	1,000
Maryland.....	400	1,000	400	1,000	2,000	4,000	4,000	4,000	1,000	1	400	1,000
West.....	400	1,000	400	1,000	2,000	4,000	4,000	4,000	1,000	1	400	1,000

<sup>1</sup> D Withhold to avoid disclosing figures for individual companies.<sup>2</sup> Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)<sup>3</sup> Value of production less cost of materials, supplies, fuel, electricity, and contract work.<sup>4</sup> Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.<sup>5</sup> For explanation see text under "Value of production."<sup>6</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

Table 2.-QUANTITY AND VALUE OF MILLINERY MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Include quantity and value of these products reported not only by establishments classified in the Millinery Industry but also by establishments in other industries. See text under "Value of production.")

Product code	Product	Total production			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2351----	Millinery (women's, children's, and infants' trimmed hats and trim hat bodies or other millinery materials).....	xxx	1,000	xxx	1,100
2351011	Felt body.....	970	2,400	900	2,400
2351013	Wool-felt.....	900	16,000	800	16,000
2351031	Straw body.....	1,000	1,000	1,000	1,000
2351033	Sewed braid.....	1,000	1,000	1,000	1,000
2351033	Other.....	1,000	1,000	1,000	1,000
2351038	Other millinery.....	2,000	4,000	1,000	4,000
2351000	Millinery, not specified by kind.....	xxx	4,000	xxx	4,000

\*Revised.

xxx Not applicable.

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25. D. C.  

---

OFFICIAL BUSINESS

Postage and Fees Paid  
U. S. Department of Commerce

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC (P) -23D-3

### CHILDREN'S DRESS INDUSTRY

(Industry Code 2361—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Children's Dress Industry made products valued at \$330 million, an increase of 13 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 6 percent from 1954 to 1958 to a total of 34.6 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$162 million in 1958, an increase of 27 percent from 1954 when the previous

census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE CHILDREN'S DRESS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2361)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	34.6	32.5	+6
Payroll.....	Million dollars...	96.7	78.2	+24
Production workers:				
Number.....	Thousands.....	30.6	29.4	+4
Man-hours.....	Millions.....	54.9	52.5	+5
Wages.....	Million dollars...	75.3	61.9	+22
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	160.5	127.6	+26
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	162.0	127.8	+27
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	173.7	165.1	+5
Value of production <sup>5</sup> .....	..do.....	330.4	292.3	+13
Capital expenditures, new.....	..do.....	1.8	1.5	+20
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	473	442	+7

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Children's Dress Industry includes establishments engaged primarily in the manufacture of children's and infants' dresses cut and sewed from purchased woven or knit fabrics. Other products included in this industry are: children's blouses, blousesettes, waists, and shirts. In addition, establishments primarily engaged in manufacturing these garments in teenage girls' and girls' sizes are also included in this industry. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Children's Dress Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Children's Dress Industry amounted to \$330 million. Of this total, \$249 million were products primary to the industry, \$11 million were products primary to other industries, and \$70 million were receipts for miscellaneous activities. The industry production of primary

products represented 96 percent of the total manufactured production (primary and secondary). The 1954 ratio was 95 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$279 million of children's dresses were made by all producers of these products. Of this total, \$249 million, or 90 percent, were made by plants classified in Industry 2361, Children's Dresses, while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of productions, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	34,601	76,730	18,617	64,859	71,304	10,477	10,993	70,431	1,770	478	11,511	117,577
New England.....	1,319	3,475	1,123	4,106	2,654	5,159	5,202	5,477	41	1	1,222	1,734
Massachusetts.....	716	2,047	604	1,028	1,306	3,113	3,041	5,596	12	1	604	1,415
Middle Atlantic.....	1,100	73,100	1,000	39,111	11,111	10,479	10,305	272,731	1,000	100	1,000	1,000
New York.....	1,100	33,740	8,511	15,060	1,918	65,488	66,030	159,100	603	100	9,800	1,000
New Jersey.....	4,471	11,894	4,072	7,316	1,911	19,188	19,403	46,213	278	70	1,000	1,000
Pennsylvania.....	10,486	27,555	9,337	16,838	2,832	40,116	39,384	67,417	374	100	9,800	1,000
East North Central.....	241	632	204	339	423	1,047	1,039	2,054	27	5	514	1,000
West North Central.....	311	821	276	468	611	1,045	1,058	1,743	24	5	191	628
South.....	6,292	15,107	5,841	10,814	1,083	22,075	22,719	33,224	355	67	4,530	1,000
Maryland.....	469	1,204	438	785	1,092	1,822	1,768	2,436	16	6	443	1,000
Virginia.....	1,201	2,897	1,148	2,128	2,650	3,325	3,381	3,788	28	11	855	1,000
West.....	1,363	3,512	1,193	1,914	2,843	6,389	6,700	12,201	89	20	1,561	6,000
California.....	1,221	3,044	1,075	1,673	2,497	5,751	5,774	10,613	75	19	1,430	5,609

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for Number of establishments with 20 or more employees, the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF CHILDREN'S DRESSES MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Children's Dress Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production.")

Product code	Product	Total production (cuttings) <sup>1</sup>			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2361—	Girls', children's and infants' dresses, blouses, waists, and shirts, total.....	xxx	278,572	xxx	251,235
2361012	Dresses, total.....	9,469		7,810	197,185
	Teen-age girls' (sizes 10-16), total.....	608		507	13,419
2361111	Cotton.....	489		195	7,684
2361112	Rayon and acetate.....	76		59	1,853
2361118	Other fabrics.....	43		15	714
	Fabric not specified.....	...		238	3,168
	Girls' dresses (sizes 7-14), total.....	2,918		2,240	67,897
2361131	Cotton.....	2,497		1,491	46,236
2361132	Rayon and acetate.....	191		166	7,644
2361138	Other fabrics.....	230		255	6,253
	Fabric not specified.....	...		328	7,764
	Children's dresses (sizes 2-6x), total.....	3,633		3,186	81,544
2361151	Cotton.....	3,201		2,392	59,913
2361152	Rayon and acetate.....	179		185	4,770
2361158	Other fabrics.....	253		273	7,895
	Fabric not specified.....	...		336	8,966
	Toddler's dresses (sizes 1-3), total.....	1,224	278,572	1,033	22,357
2361171	Cotton.....	1,053		732	15,731
2361172	Rayon and acetate.....	67		13	260
2361178	Other fabrics.....	104		134	3,973
	Fabric not specified.....	...		154	2,393
	Infants' dresses (sizes 0-1), total.....	1,086		844	11,968
2361191	Cotton.....	806		473	6,821
2361192	Rayon and acetate.....	103		128	2,038
2361198	Other fabrics.....	172		115	1,874
	Fabric not specified.....	...		128	1,265
2361041	Blouses, blousesettes, waists and shirts (excluding knit shirts), total.....	2,522		2,655	40,836
	Girls' and teen-age girls' sizes (sizes 7-16), total.....	1,285		1,105	20,911
2361311	Cotton.....	966		705	12,933
2361318	Other fabrics.....	319		277	5,862
	Fabric not specified.....	...		123	2,116
2361051	Children's and infants' (sizes 1-6x).....	1,237		1,550	19,929
2361000	Girls', children's and infants' blouses and dresses, not specified by kind.....	xxx		xxx	13,217

xxx Not applicable.

<sup>1</sup>Detail as collected in 1958 Annual Apparel Survey, MA23A. Separate value figures are not available for 1958.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC (P) -23D-4

### CHILDREN'S COAT INDUSTRY

(Industry Code 2363—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Children's Coat Industry made products valued at \$162 million, a decrease of 7 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 15 percent from 1954 to 1958 to a total of 12.2 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$68 million in 1958, a decrease of 6 percent from 1954 when the previous census was

taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE CHILDREN'S COAT INDUSTRY, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2363)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	12.2	14.4	-15
Payroll.....	Million dollars...	41.1	47.1	-13
Production workers:				
Number.....	Thousands.....	10.5	12.2	-14
Man-hours.....	Millions.....	18.9	21.7	-13
Wages.....	Million dollars...	30.4	34.6	-12
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	67.3	71.6	-6
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	67.1	72.1	-7
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	99.1	101.0	-2
Value of shipments <sup>5</sup> .....	..do.....	162.2	173.5	-7
Capital expenditures, new.....	..do.....	0.8	1.1	-27
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	199	134	+47

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Children's Coat Industry includes establishments engaged primarily in the manufacture of children's and infants' coats, coat-and-legging sets, and snow suits cut and sewed from purchased woven or knit fabric. Also included in this industry are establishments primarily engaged in manufacturing these garments in teenage girls' and girls' sizes. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253, Knit Outerwear Mills. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Children's Coat Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Children's Coat Industry amounted to \$162 million. Of this total, \$134 million were products primary to the industry, \$10 million were products primary to other industries, and \$18 million were receipts for miscellaneous activities, primarily contract receipts. The industry

production of primary products represented 93 percent of the total manufactured production (primary and secondary). The 1954 ratio was 91 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$161 million of children's coats were made by all producers of these products. Of this total, \$134 million, or 83 percent, were made by plants classified in Industry 2363, Children's Coats, while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the productions by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR THE CHILDREN'S COAT INDUSTRY (S.I.C. CODE 2363) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	12,245	41,141	10,472	18,917	30,404	67,322	67,543	162,164	761	199	14,399	72,601
New England.....	536	1,628	482	902	1,284	2,487	2,457	4,220	37	6	895	3,412
Massachusetts.....	363	1,172	338	651	972	1,713	1,698	2,859	32	4	429	2,077
Middle Atlantic.....	10,447	36,328	8,895	15,982	26,652	59,782	60,091	148,890	657	179	11,773	62,494
New York.....	5,536	21,407	4,507	8,195	14,641	36,820	36,785	103,955	465	111	6,128	38,177
New Jersey.....	2,461	7,772	2,199	3,788	6,137	11,890	12,342	25,283	105	36	2,978	14,010
Pennsylvania.....	2,450	7,149	2,189	3,999	5,874	11,072	10,964	19,652	87	32	2,666	9,406
North Central.....	295	778	263	467	632	1,365	1,334	2,435	(D)	4	946	3,439
South.....	757	1,802	656	1,280	1,363	2,698	2,738	4,433	37	7	482	1,400
Pacific.....	210	605	176	286	473	990	923	2,186	(D)	3	302	1,755

<sup>1</sup> D Withheld to avoid disclosing the operations of individual companies.

<sup>2</sup> Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>3</sup> Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>4</sup> Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>5</sup> For explanation see text under "Value of production."

<sup>6</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF CHILDREN'S COATS MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Children's Coat Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production")

Product code	Product	Total production (cuttings) <sup>1</sup>			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2363—	Girl's, children's and infants' coats, snow suits, and coat-and-legging sets, total.....	xxx	161,496	xxx	167,538
	Coats, total.....	655		671	81,912
	Teen-age girls (sizes 10-16), total.....	66		82	13,397
2363213	Wool.....	54		61	9,855
2363218	Other fabrics.....	12		6	987
	Fabric not specified.....	...		15	2,515
	Girls' (sizes 7-14), total.....	290		264	37,416
2363233	Wool.....	229		184	27,683
2363238	Other fabrics.....	61		26	3,203
	Fabric not specified.....	213		54	6,530
	Children's (sizes 2-6x for girls'; 2-8 for boys).....	146		109	13,918
2363253	Wool.....	67		74	5,754
2363258	Other fabrics.....	...		29	3,075
	Fabric not specified.....	96		113	8,392
	Toddlers' and infants (sizes 0-4), total.....	43		50	4,011
2363273	Wool.....	53		47	3,275
2363278	Other fabrics.....	...		16	1,106
	Fabric not specified.....				
	Coat and leggings, and coat and snow pants sets, total.....	249		233	22,310
2363011	Girls' and teen-age girls' (sizes 7-16).....	9		18	3,090
	Children's (sizes 2-6x for girls', 2-8 for boys'), total.....	148		149	13,395
2363153	Wool.....	139		87	9,824
2363158	Other fabrics.....	9		42	798
	Fabric not specified.....	...		20	2,773
	Toddlers' and infants' (sizes 0-4), total.....	88		66	5,825
2363173	Wool.....	73		35	3,410
2363178	Other fabrics.....	15		20	(D)
	Fabric not specified.....	...		11	(D)
	Children's, toddlers' and infants', coat and leggings, and coat and snow pants, not specified by kind.....	4	161,496	...	...
	Ski and snow suits, total.....	337		274	23,356
2363031	Girls' and teen-age girls' (sizes 7-16).....	13		18	1,957
2363330	Children's (sizes 2-8).....	193		145	12,759
2363350	Toddlers' (sizes 1-4).....	72		76	6,063
2363370	Infants' (sizes 0-2).....	59		35	2,577
	Ski and snow pants and leggings, total.....	40		58	1,764
2363041	Girls' and teen-age girls' (sizes 7-16).....	14		58	1,764
2363045	Children's and toddlers' (sizes 1-6x).....	26			
	Suits (except ski and snow suits and slack suits) total.....	246		248	13,406
	Girls' and teen-age girls' (sizes 7-16) total.....	70		65	5,918
2363712	Rayon and acetate.....	18		41	3,214
2363718	Other fabrics.....	52		17	1,980
	Fabric not specified.....	47		7	724
	Girls' (sizes 6x and under), total.....	11		70	3,287
2363732	Rayon and acetate.....	36		27	1,314
2363738	Other fabrics.....	...		23	857
	Fabric not specified.....	129		20	1,116
2363075	Little boys' suits, excluding wash suits (sizes 6x and under).....			113	4,201
	Jackets, girls', teen-age girls', and children's (sizes 2-16), total.....	710		485	18,286
2363511	Cotton.....	517		237	7,414
2363513	Wool.....	50		34	1,919
2363518	Other fabrics.....	143		60	2,232
	Fabric not specified.....	...		154	6,721
2363000	Girls', children's, and infants' coats, suits, snow suits, and coat-and-legging sets, not specified by kind.....	xxx	xxx	xxx	6,504

D Withheld to avoid disclosing figures for individual companies.

xxx Not applicable.

<sup>1</sup>Detail collected in the 1958 Annual Apparel Survey, MA23A. Values by specific type of garment are not available for 1958.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC (P)-23D-5

### WOMEN'S AND CHILDREN'S UNDERWEAR INDUSTRY

(Industry Code 2341--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Women's and Children's Underwear Industry made products valued at \$819 million, an increase of 5 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry of 73.6 thousand for 1958 showed little change from the 1954 level. Adjusted value added by manufacture in the industry amounted to \$350 million in 1958, an increase of 18 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE WOMEN'S AND CHILDREN'S UNDERWEAR INDUSTRY IN THE UNITED STATES: 1954 AND 1958  
(Standard Industrial Classification Code 2341)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	73.6	73.6	...
Payroll.....	Million dollars...	149.9	149.9	...
Production workers:				
Number.....	Thousands.....	65.1	65.1	...
Man-hours.....	Millions.....	117.9	117.9	-1
Wages.....	Million dollars...	155.0	155.0	+11
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	348.2	348.2	+17
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	349.6	349.6	+18
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	474.0	474.0	-1
Value of production <sup>5</sup> .....	..do.....	819.2	778.1	...
Capital expenditures, new.....	..do.....	6.1	5.4	...
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	720	767	...

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production." Includes value of resale for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00\*

The Women's and Children's Underwear Industry includes establishments engaged primarily in the manufacture of women's, misses', children's, and infants' underwear and nightwear cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear and nightwear are classified in Industry 2254, Knit Underwear Mills. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Women's and Children's Underwear Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Women's and Children's Underwear Industry amounted to \$819 million. Of this total, \$697 million were products primary to the industry, \$26 million were products primary to other industries, and \$96 million were receipts for miscellaneous activities mainly contract receipts. The industry production of primary

products represented 96 percent of the total manufactured production (primary and secondary). The 1954 ratio was 95 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$836 million of women's and children's underwear (knit and woven) were made by all producers of these products. Of this total, \$697 million, or 83 percent, were made by plants classified in Industry 2341, Women's and Children's Underwear, while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

Table 1.—GENERAL STATISTICS FOR THE WOMEN'S AND CHILDREN'S UNDERWEAR INDUSTRY (C.I.C. CODE 2441, BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958									1954		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup>	Adjusted <sup>5</sup>					
United States, total.....	73,975	199,874	69,078	11,938	14,040	348,209	349,496	819,244	6,174	72	1,421	1,421
New England.....	6,201	15,787	5,616	10,355	13,163	23,227	23,274	45,987	806	16	1,886	1,886
Vermont.....	857	2,445	793	1,522	2,121	3,643	3,612	7,019	76	1	846	846
Connecticut.....	1,238	3,180	1,122	2,225	2,639	3,967	3,996	8,692	433	17	1,593	1,593
Middle Atlantic.....	40,820	112,503	35,557	63,392	86,260	197,353	197,933	527,632	2,946	479	42,402	42,402
New York.....	22,967	68,673	19,577	35,143	49,839	124,341	124,429	372,871	1,288	314	24,372	24,372
New Jersey.....	4,576	13,743	4,026	7,288	10,156	24,110	23,679	63,809	274	41	4,336	4,336
Pennsylvania.....	13,277	33,090	11,954	20,964	26,265	48,902	48,825	90,952	384	127	13,094	13,094
East North Central.....	3,398	9,802	2,917	5,450	7,542	18,756	20,198	42,882	365	26	3,099	3,099
Illinois.....	1,852	5,801	1,522	2,787	4,138	11,990	13,414	28,950	272	12	1,235	1,235
Michigan.....	754	2,037	681	1,376	1,733	2,862	2,837	6,288	59	6	958	958
West North Central.....	1,484	4,143	1,291	2,342	3,030	7,255	7,220	14,112	71	17	2,135	2,135
South.....	19,314	48,063	17,542	32,213	39,688	89,184	90,410	166,856	1,716	116	16,040	16,040
Georgia.....	2,077	4,994	1,892	3,834	4,303	12,083	12,143	18,222	276	14	944	944
Tennessee.....	913	2,380	860	1,527	1,945	4,330	4,625	9,690	91	7	460	460
Alabama.....	2,996	7,729	2,861	5,077	6,871	16,216	15,745	29,754	272	10	2,953	2,953
Mississippi.....	1,492	3,244	1,336	2,467	2,872	6,665	6,686	9,595	103	6	763	763
Texas.....	994	3,023	866	1,820	1,972	5,573	5,612	10,555	133	12	836	836
West.....	2,358	6,606	2,152	4,186	5,357	12,434	10,561	21,782	196	27	1,859	1,859
California.....	1,848	5,360	1,682	3,323	4,274	10,410	8,538	18,989	177	22	1,407	1,407

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF WOMEN'S AND CHILDREN'S UNDERWEAR MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Women's and Children's Underwear Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production".)

Product code	Product	Total production (cuttings)			
		1958		1954	
		Quantity <sup>1</sup> (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2341---	Women's and children's underwear and nightwear, total.....	xxx	2835,899	xxx	798,924
23411	Underwear, total.....	xxx	533,224	xxx	534,792
	Women's, misses' and juniors':				
2341135	Panties and bloomers, total.....	28,428	(NA)	25,035	113,386
	Cotton and/or wool circular knit.....	3,098	(NA)	1,855	9,846
2341171	Nylon warp knit.....	5,231	(NA)	3,800	30,193
2341172	Rayon and acetate warp knit.....	16,127	(NA)	11,489	43,441
2341151	Silk and man-made circular knit.....	3,942	(NA)	6,291	29,906
	Vests, undershirts, and step-ins, total.....	1,074	(NA)	1,453	7,999
2341133	Cotton and/or wool.....	773	(NA)	634	2,735
2341155	Nylon.....	9	(NA)		
2341158	Rayon and acetate.....	292	(NA)	819	3,264
	Slips and garterdresses, total.....	3,879	(NA)	(NA)	(NA)
2341139	Cotton and/or wool.....	127	(NA)	(NA)	(NA)
2341154	Nylon.....	3,112	(NA)		
2341156	Rayon and acetate.....	640	(NA)	3,418	96,970
	Petticoats and half-slips, total.....	2,147	(NA)	2,009	48,178
2341162	Nylon.....	1,872	(NA)		
2341164	Rayon and acetate.....	275	(NA)	2,009	48,178
	Girls' and children's:				
2341136	Panties and bloomers, total.....	10,444	(NA)	10,011	29,405
	Cotton and/or wool.....	6,197	(NA)	4,650	11,852
2341182	Other fabrics.....	4,247	(NA)	24,381	317,453
2341137	Vests and undershirts.....	1,115	(NA)	41,204	3,478
	Infants:				
2341142	Panties.....	2,723	(NA)	2,308	35,798
2341141	Vests, undershirts, and bands.....	2,989	(NA)	43,139	49,777
2341140	All other knit underwear, n.e.c.....	xxx	(NA)	xxx	410,472

See footnotes at end of table.

Table 3.—QUANTITY AND VALUE OF WOMEN'S AND CHILDREN'S UNDERWEAR MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954—Continued

Product code	Product	Total production (cuttings)			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
	Women's and children's underwear and nightwear—Continued				
	Underwear—Continued				
	Women's, misses' and juniors':				
	Petticoats and half slips, total.....	2,403		2,200	47,101
2341191	Cotton.....	770		809	13,481
2341192	Rayon and acetate.....	369		372	6,175
2341198	Other fabrics, including nylon.....	1,268		770	22,555
	Fabric not specified.....	...		249	4,910
	Slips and gertrudes, total.....	5,368		6,119	110,904
2341111	Cotton.....	2,881		2,823	43,763
2341112	Rayon and acetate.....	948		1,829	35,065
2341118	Other fabrics, including nylon.....	1,539		705	16,647
	Fabric not specified.....	...		762	15,429
2341117	Panties, drawers, and bloomers.....	583		341	3,101
	Girls' and teen-age girls (sizes 2-16):		(NA)		
	Petticoats, half slips, slips, slip and gertrudes, total...	2,485		1,982	28,850
2341121	Cotton.....	1,116		1,186	14,434
2341122	Rayon and acetate.....	153		118	1,886
2341128	Other fabrics, including nylon.....	1,211		643	11,814
	Fabric not specified.....	...		35	716
2341126	Panties, drawers, and bloomers.....	1,086		838	3,153
2341127	Toddlers' and infants' (size 0-3):				
	Slips and gertrudes.....	327		253	1,310
2341127	All other woven underwear.....	(NA)		19	191
2341100	Women's and children's underwear not specified by kind.....	xxx		xxx	14,719
23412--	Nightwear, total.....	xxx	270,884	xxx	243,127
	Nightwear made from knit fabrics:				
	Women's, misses' and juniors' nightwear, total.....	2,393		2,022	62,278
	Warp knit, total.....	1,872		1,482	52,053
2341271	Nylon.....	1,214		744	37,519
2341273	Rayon and acetate.....	445		635	12,218
2341279	Other warp knit fabrics.....	213		103	2,316
	Circular knit, total.....	521		540	10,225
2341261	Cotton and/or wool.....	324		272	5,609
2341265	Silk and man-made fibers.....	197		268	54,616
	Children's and infants' nightwear made from circular cotton and/or wool, total.....	2,748		2,104	25,070
2341281	Heavyweight sleeping garments made with feet.....	1,418		1,094	14,735
2341289	Other nightwear, including gowns and kimonos.....	1,330		1,010	10,335
2341280	Other knit nightwear.....	xxx		xxx	1,841
	Nightwear made from woven fabrics:				
	Women's, misses' and juniors', total.....	5,110		4,493	107,220
	Nightgowns, total.....	2,654		2,413	55,440
2341211	Cotton.....	2,162		1,763	37,611
2341212	Rayon and acetate.....	112		227	6,096
2341218	Other fabrics, including nylon.....	380		311	9,797
	Fabric not specified.....	...		112	1,936
	Pajamas, total.....	2,456		2,080	51,780
2341291	Cotton.....	2,141		1,540	36,558
2341292	Rayon and acetate.....	100		369	10,267
2341298	Other fabrics, including nylon.....	215		105	2,803
	Fabric not specified.....	...		66	2,152
2341223	Girls' and teen-age girls' (sizes 8-16) pajamas.....	708		496	8,788
2341236	Children's, toddlers' and infants' pajamas.....	1,060		917	11,816
2341246	Girls', children's and infants' nightgowns, including kimonos.....	932		515	5,287
2341250	Other woven fabric nightwear.....	xxx		(NA)	16,073
2341200	Women's, misses' and children's nightwear not specified by kind.....	xxx		xxx	4,754
2341000	Women's, misses' and children's nightwear and underwear, not specified by kind.....	xxx	31,791	xxx	21,005

NA Not available.

xxx Not applicable.

<sup>1</sup>Production detail was obtained from the 1958 Annual Apparel Report MA-23A.<sup>2</sup>Value of production for 1958 was obtained from the 1958 Census of Manufactures. This figure represents value of underwear and nightwear made from woven and knit fabrics. It includes the values reported by the cut-and-sew shops under census product codes 2341--codes as well as the values reported by the knitting mills under census product codes 2254--codes. The values reported by each of these groups will be shown separately in the final 1958 Census of Manufactures report.<sup>3</sup>For 1954, infants' panties made from circular knit silk and man-made fabrics, and all girls', children's and infants' panties made from warp knit fabrics are included with girls' and children's panties made from knit fabrics other than cotton and/or wool.<sup>4</sup>For 1954, infants' vests, undershirts and bands (Code 2341141) include only circular knit cotton and/or wool. Infants vests made from warp knit fabrics are included with all other knit underwear, n.e.c. (Code 2341140) and vests made from circular knit fabrics, other than cotton and/or wool are included with girls' and children's vests (Code 2341137).<sup>5</sup>Includes 29,000 dozen girls', children's, and infants' circular knit nightwear made from silk, rayon, and other man-made fibers valued at \$451,000.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1960

MC (1)-23F-1

### WATERPROOF OUTER GARMENTS INDUSTRY

(Industry Code 2385—GIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Waterproof Outer Garments Industry made products valued at \$149 million, an increase of 22 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 4 percent from 1954 to 1958 to a total of 13,4 thousand employees in 1958. Value added by manufacture in the industry amounted to \$74 million in 1958, an increase of 25 percent from 1954 when the previous

census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE WATERPROOF OUTER GARMENTS INDUSTRY, IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2385)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	13.4	12.9	+4
Payroll.....	Million dollars...	43.8	34.7	+26
Production workers:				
Number.....	Thousands.....	11.5	11.4	+1
Man-hours.....	Millions.....	20.6	20.2	+2
Wages.....	Million dollars...	32.7	27.1	+21
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	74.1	59.3	+25
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	74.2	58.9	+26
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	74.7	61.3	+22
Value of production <sup>5</sup> .....	..do.....	148.5	121.2	+22
Capital expenditures, new.....	..do.....	1.1	1.0	+10
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	134	154	-13

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of Production"

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00



The Waterproof Outer Garments Industry includes establishments engaged primarily in the manufacture of raincoats from purchased rubberized fabrics and other waterproof and water repellent fabrics, and other waterproof outer garments made from such material as pliofilm and cellophane. Establishments primarily engaged in manufacturing waterproof outer garments from plastic, including baby pants, aprons, bibs, and bathing and shower caps are also included in Industry 2385. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Waterproof Outer Garments Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Waterproof Outer Garments Industry amounted to \$149 million. Of this total, \$118 million were products primary to the industry.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made

by all producers. The latter figure, appearing in table 3, indicates that \$131 million of raincoats and other waterproof garments were made by all producers of these products. Of this total, \$118 million, or 90 percent, were made by plants classified in Industry 2385 Waterproof Outer Garments while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these report and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 CENSUS OF MANUFACTURERS

Table 2.—GENERAL STATISTICS FOR THE WATERPROOF OUTER GARMENT INDUSTRY, C.I.P. SEE 1958 CENSUS OF MANUFACTURERS, 1958 AND 1954

Region and State <sup>1</sup>	1958								1954			
	All employees		Production workers			Value added by manufacture		Value of production <sup>3</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>4</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>2</sup> (\$1,000)					
United States, total.....	13,398	43,782	11,500	20,605	34,720	74,100	74,221	148,508	1,095	134	12,872	59,342
New England.....	2,849	8,609	2,472	4,391	6,606	12,913	12,989	25,898	192	29	2,698	10,884
Massachusetts.....	2,588	7,881	2,244	3,978	6,057	11,677	11,781	23,159	151	25	2,482	10,113
Middle Atlantic.....	7,004	23,307	5,999	11,041	17,498	41,785	41,467	84,925	687	80	6,037	30,833
New York.....	5,772	19,994	4,856	9,054	14,644	37,053	36,765	78,114	627	62	4,824	24,597
New Jersey.....	701	1,855	653	1,086	1,664	2,721	2,703	3,864	687	13	561	1,882
Pennsylvania.....	531	1,458	490	901	1,190	2,011	1,999	2,947		5	651	4,352
North Central.....	1,613	6,006	1,292	2,323	4,311	10,184	10,283	18,402	62	12	2,352	11,908
Ohio.....	190	615	171	334	539	1,221	1,218	2,150		2	320	1,516
Michigan.....	291	1,016	207	315	547	1,965	1,996	3,961	31	2	419	2,646
Wisconsin.....	455	1,863	350	630	1,217	2,543	2,617	4,407		4	741	3,803
South.....	1,429	4,191	1,278	2,063	2,952	6,913	7,156	14,608	110	8	1,552	4,703
Georgia.....	680	2,003	577	890	1,271	2,430	2,611	6,066	49	3	506	1,342
West.....	503	1,669	459	787	1,363	2,305	2,326	4,675	44	5	233	1,010

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF RAINCOATS AND OTHER WATERPROOF OUTER GARMENTS MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

Includes quantity and value of these products reported not only by establishments classified in the Waterproof Outer Garment Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments."

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2385---	Raincoats and other Waterproof Outer Garments, total.....	xxx	131,370	xxx	116,522
	Raincoats and raincoats:				
	Men's and boys, total.....	(NA)	47,966	686	31,643
2385011	Plastic, total.....	(NA)	8,300	223	7,268
	Quantity reported.....	334	7,095	223	7,268
	Quantity not reported.....	xxx	1,205	xxx	xxx
2385013	Rubberized.....	262	11,700	225	10,917
2385015	Cotton gabardine, twill, and poplin (not coated).....	146	17,688	112	7,373
2385018	All other fabrics.....	150	10,178	126	6,090
	Women's misses' and juniors' total.....	(NA)	38,544	437	30,011
2385051	Plastic, total.....	(NA)	1,208	156	3,648
	Quantity reported.....	315	5,258	156	3,648
	Quantity not reported.....	xxx	950	xxx	xxx
2385055	Cotton gabardine, twill, and poplin (not coated).....	738	20,072	70	9,323
2385056	Rayon and acetate.....	46	5,171	167	11,245
2385058	All other fabrics.....	65	7,113	44	5,797
2385061	Girls', teen-age girls', and children's.....	72	2,980	93	3,529
2385071	Baby pants and diaper covers, plastic and rubberized.....	6,159	17,648	4,391	18,623
2385076	Women's, misses', and children's aprons, smocks, and bibs, plastic and rubberized.....	748	2,607	1,146	4,246
2385098	All other waterproof outer garments, including dress shields, bathing caps, etc. (except oil and rubber).....	xxx	8,110	xxx	3,448
2385000	Raincoats and other waterproof outer garments, not specified by kind.....	xxx	13,705	xxx	2,072

NA Not available.  
xx Not applicable.

1000000-00



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1960

MC(P)23E-2

### APPAREL BELTS INDUSTRY

(Industry Code 2387—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Apparel Belts Industry made products valued at \$100 million a decrease of 11 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 18 percent from 1954 to 1958 to a total of 10,3 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$55 million in 1958, a decrease of 8 percent from 1954 when the previous census was

taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE APPAREL BELTS INDUSTRY, IN THE UNITED STATES: 1958 and 1954  
(Standard Industrial Classification Code 2387)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
<b>All employees:</b>				
Number.....	Thousands.....	10.3	12.6	-18
Payroll.....	Million dollars...	32.2	35.4	-9
<b>Production workers:</b>				
Number.....	Thousands.....	8.6	10.8	-20
Man-hours.....	Millions.....	15.8	19.6	-19
Wages.....	Million dollars...	22.8	25.2	-10
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	53.8	58.0	-7
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	55.2	60.1	-8
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	48.2	52.0	-7
Value of shipments <sup>5</sup> .....	..do.....	100.0	112.4	-11
Capital expenditures, new.....	..do.....	0.8	1.0	-20
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	148	168	-12

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Apparel Belts Industry includes establishments engaged primarily in the manufacture of men's and women's apparel belts, regardless of material. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Apparel Belts Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Apparel Belts Industry amounted to \$100 million. Of this total, \$78 million were products primary to the industry, \$7 million were products primary to other industries, and \$15 million were receipts for miscellaneous activities primarily contract work. The industry shipments of primary products represented 92 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was also 92 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$83 million of apparel belts were made by all producers of these products. Of this total, \$78 million, or 95 percent, were made by plants classified in Industry 2387, "Apparel Belts" while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these report and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 CENSUS OF MANUFACTURES

3

Table 2.--GENERAL STATISTICS FOR THE APPAREL BELTS INDUSTRY (SIC 2387) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>					
United States, total.....	10,273	32,176	8,594	15,790	22,764	53,826	55,231	100,000	348	148	12,571	28,010
New England.....	843	2,508	709	1,313	1,833	3,698	3,652	6,490	91	14	847	2,420
Massachusetts.....	618	1,730	524	965	1,350	2,419	2,424	4,291	77	9	585	2,077
Connecticut.....	213	729	175	319	452	1,185	1,134	2,010	24	5	237	1,268
Middle Atlantic.....	7,541	22,300	5,935	10,755	16,070	37,533	38,751	69,277	555	103	9,088	42,648
New York.....	5,550	17,772	4,687	8,658	13,319	31,172	31,912	56,446	487	85	7,271	35,143
New Jersey.....	395	1,108	357	613	842	1,335	1,338	2,819	23	5	500	2,268
Pennsylvania.....	1,096	3,420	891	1,484	1,909	5,026	5,501	10,012	45	13	1,316	2,236
North Central.....	797	2,497	692	1,321	1,793	4,746	4,735	9,044	34	11	978	5,554
Illinois.....	432	1,445	376	712	1,061	3,369	3,376	6,724	13	7	571	3,977
South Atlantic.....	183	397	153	235	314	716	727	1,471	17	2	150	475
West South Central.....	880	2,556	648	1,219	1,442	3,845	3,951	7,915	40	8	971	3,243
Texas.....	791	2,220	579	1,072	1,250	3,231	3,348	6,529	25	7	904	2,835
West.....	529	1,918	457	947	1,312	3,288	3,415	5,842	111	10	534	2,669

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--QUANTITY AND VALUE OF APPAREL BELTS MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Apparel Belts Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of Production")

Product code	Product	Total production			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2387--	Apparel belts, total.....	xxx	82,646	xxx	95,007
23871--	Leather belts (made for sale separately), total.....	xxx	48,735	xxx	52,669
2387111	Women's and children's, total.....	xxx	16,852	xxx	17,877
	Quantity reported.....	1,750	13,694	1,883	14,847
	Quantity not reported.....	xxx	3,158	xxx	3,030
2387151	Men's and boys'.....	3,129	29,869	3,689	34,792
2387100	Leather belts, not specified by kind.....	xxx	2,014	xxx	...
23872--	Belts, other than leather, total.....	xxx	27,466	xxx	35,388
2387211	Women's and children's.....	6,698	19,522	14,734	30,128
2387251	Men's and boys'.....	727	6,127	844	5,260
2387200	Other belts, except leather, not specified by kind.....	xxx	1,817	xxx	...
2387000	Apparel belts, not specified by kind.....	xxx	6,445	xxx	6,950

xxx Not applicable.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-23E-3

### LEATHER AND SHEEP-LINED CLOTHING INDUSTRY

(Industry Code 2386—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Leather and Sheep-lined Clothing Industry made products valued at \$65 million, an increase of 15 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 15 percent from 1954 to 1958 to a total of 4.6 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$28 million in 1958, an increase of 18 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE LEATHER AND SHEEP-LINED CLOTHING INDUSTRY, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2386)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	4.6	5.4	-15
Payroll.....	Million dollars...	16.1	15.7	+2
Production workers:				
Number.....	Thousands.....	4.0	4.7	-15
Man-hours.....	Millions.....	7.4	8.1	-9
Wages.....	Million dollars...	12.3	11.9	+3
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	27.0	24.2	+12
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	27.9	23.6	+18
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	38.0	32.6	+17
Value of production <sup>5</sup> .....	..do.....	65.4	56.9	+15
Capital expenditures, new.....	..do.....	...	...	...
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	70	74	-5

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on report for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Leather and Sheep-lined Clothing Industry includes establishments engaged primarily in the manufacture of leather and sheep-lined garments. Establishments primarily engaged in manufacturing leather gloves and mittens are classified in Group 315, Leather Gloves, and fur garments in Industry 2371, Fur Goods. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Leather and Sheep-lined Clothing Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Leather and Sheep-lined Clothing Industry amounted to \$65 million. Of this total, \$56 million were products primary to the industry, \$4 million were products primary to other industries, and \$5 million were receipts for miscellaneous activities. The industry production of primary products represented 94

percent of the total manufactured production (primary and secondary). The 1954 ratio was 85 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$63 million of leather and sheep-lined clothing were made by all producers of these products. Of this total, \$56 million or 90 percent, were made by plants classified in Industry 2386, Leather and Sheep-lined Clothing, while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight



1958 CENSUS OF MANUFACTURES

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of production <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	4,689	11,571	3,400	7,400	11,400	27,300	28,400	11,500	300	1,000	11,500	11,500
North Atlantic.....	1,307	3,170	930	2,400	3,300	10,500	11,000	4,500	100	1,000	1,000	1,000
New England.....	1,000	2,710	730	1,800	2,600	8,600	9,000	3,100	100	1,000	1,000	1,000
New York.....	200	500	150	400	500	1,300	1,400	500	10	100	100	100
East North Central.....	1,000	2,710	730	1,800	2,600	8,600	9,000	3,100	100	1,000	1,000	1,000
West North Central.....	1,000	2,710	730	1,800	2,600	8,600	9,000	3,100	100	1,000	1,000	1,000
South.....	1,000	2,710	730	1,800	2,600	8,600	9,000	3,100	100	1,000	1,000	1,000
Mountain.....	1,000	2,710	730	1,800	2,600	8,600	9,000	3,100	100	1,000	1,000	1,000
Pacific.....	1,000	2,710	730	1,800	2,600	8,600	9,000	3,100	100	1,000	1,000	1,000

D Withheld to avoid disclosing figures for individual establishments.

<sup>1</sup> For purposes of this report, the United States is divided into four major regions: North Atlantic, New England, East North Central, and West North Central. The South, Mountain, and Pacific regions are defined by the Census Bureau. The Census Bureau's definition of the United States excludes Alaska and Hawaii.

<sup>2</sup> Value of production includes value added by manufacturing, construction, and contract work.

<sup>3</sup> Unadjusted value added is the sum of the value added by manufacturing, construction, and contract work, plus the value added by the transportation, communication, and other services industries. The adjusted value added is the sum of the value added by manufacturing, construction, and contract work, plus the value added by the transportation, communication, and other services industries, plus the value added by the government and nonprofit organizations.

<sup>4</sup> For explanation see text under "Value of production."

<sup>5</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Total QUANTITY AND VALUE OF LEATHER AND SHEEP-LINED CLOTHING MADE BY ALL ESTABLISHMENTS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Leather and Sheep-lined Clothing Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2386---	Leather and sheep-lined clothing, total.....	xxx	62,681	xxx	56,707
	Leather coats and jackets:				
2386013	Men's:				
	Quantity reported.....	146	20,862	180	29,927
	Quantity not reported.....	xxx	...	xxx	2,704
2386023	Boys' (sizes 4-20).....	43	5,058	89	10,321
2386053	Women's, misses' and junior's:				
	Quantity reported.....	106	27,526	59	7,980
	Quantity not reported.....	xxx	...	xxx	7,007
2386098	All other leather clothing and sheep-lined clothing.....	xxx	2,652	xxx	3,744
2386000	Leather and sheep-lined clothing, not specified by kind.....	xxx	6,583	xxx	...

xxx Not applicable.

U. S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

OFFICIAL BUSINESS

Postage and Fees Paid  
U. S. Department of Commerce

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-23E-4

### ROBES AND DRESSING GOWNS INDUSTRY

(Industry Code 2384--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Robes and Dressing Gowns Industry made products valued at \$135 million, an increase of 24 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 6 percent from 1954 to 1958 to a total of 11.6 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$59 million in 1958, an increase of 38 percent from 1954

when the previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of production. It avoids the duplication in the value of production which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE ROBES AND DRESSING GOWNS INDUSTRY, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2384)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	11.6	11.0	+6
Payroll.....	Million dollars...	32.5	27.0	+20
Production workers:				
Number.....	Thousands.....	10.1	10.0	+1
Man-hours.....	Millions.....	17.6	16.9	+4
Wages.....	Million dollars...	24.5	21.1	+16
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	59.3	44.0	+35
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	59.4	43.2	+38
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	75.9	65.2	+16
Value of shipments <sup>5</sup> .....	..do.....	135.3	109.3	+24
Capital expenditures, new.....	..do.....	0.9	(7)	...
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	162	157	+3

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Alaska and Hawaii were not States until 1959. They will be covered in separate reports.

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of production." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

<sup>7</sup>Less than \$500 thousand.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Robes and Dressing Gowns Industry includes establishments engaged primarily in the manufacture of men's and women's bathrobes, lounging robes, dressing gowns, breakfast coats, brunch coats, housecoats, and lounging pajamas. Establishments primarily engaged in manufacturing negligees and bed jackets from purchased fabric are classified in Industry 2341, Women's and Children's Underwear; and children's and infants' robes, dressing gowns, and kimonos from purchased fabric in Industry 2369, Children's Outerwear, Not Elsewhere Classified. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF PRODUCTION

The value of production reported by establishments classified in Robes and Dressing Gowns Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of production and other receipts of establishments classified in the Robes and Dressing Gowns Industry amounted to \$135 million. Of this total, \$113 million were products primary to the industry, \$8 million were products primary to other industries,

and \$14 million were receipts for miscellaneous activities. The industry production of primary products represented 94 percent of the total manufactured production (primary and secondary). The 1954 ratio was 93 percent.

The total value of production for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry made by all producers. The latter figure, appearing in table 3, indicates that \$118 million of robes and dressing gowns were made by all producers of these products. Of this total, \$114 million, or 96 percent, were made by plants classified in Industry 2384, Robes and Dressing Gowns while the remainder was made by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of production, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the production by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE ROBES AND DRESSING GOWNS INDUSTRY (S.I.C. CODE 4384), BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958									1954		
	All employees		Production workers			Value added by manufacture		Value of production, <sup>3</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>4</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>2</sup> (\$1,000)					
United States, Total.....	11,701	72,469	10,131	17,793	24,731	59,289	70,339	136,315	871	114	1,171	1,171
New England.....	1,257	3,754	1,007	1,877	2,639	6,897	7,879	14,722	37	14	154	154
Massachusetts.....	601	1,939	521	1,130	1,448	3,209	3,800	6,664	1	1	13	13
Middle Atlantic.....	6,771	19,764	5,910	10,222	14,844	37,087	37,219	88,554	64	114	7,117	7,117
New York.....	4,016	14,742	3,883	6,728	11,434	28,871	28,823	70,341	11	2	1,117	1,117
New Jersey.....	144	1,287	50	36	1,168	2,380	2,381	4,677	1	1	7	7
Pennsylvania.....	1,621	3,774	1,111	2,647	3,192	7,836	6,817	13,336	52	1	1,048	1,048
North Central.....	440	1,267	33	617	773	2,407	2,407	5,520	7	1	67	67
South.....	2,677	7,012	2,610	4,773	5,811	11,400	11,36	24,710	103	2	1,237	1,237
Georgia.....	939	1,939	82	1,463	1,817	3,754	3,803	7,677	1	1	21	21
West.....	259	611	234	34	416	1,488	1,460	2,636	12	5	171	171

<sup>1</sup>Each producing State not shown separately in the above table was combined either (a) to avoid disclosing figures for individual companies, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of production less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of production."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF ROBES AND DRESSING GOWNS MADE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Robes and Dressing Gowns Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of production.")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2384—	Robes and dressing gowns, total.....	xxx	17,376	xxx	11,277
23841—	Robes and dressing gowns, men's, boys' and women's, except children's.....	xxx	17,619	xxx	10,939
2384111	Men's and boys' including smoking jackets.....	11	20,797	384	10,784
	Women's, misses, and juniors'.....	108	7,934	34	8,296
2384151	Tufted robes.....	108	7,934	34	8,296
	Robes, excluding tufted.....	642	11,640	136	6,377
2384153	Cotton.....	232	8,451	87	7,023
2384156	Rayon and acetate.....	116	7,934	66	7,897
2384158	Nylon.....	116	7,934	66	7,897
2384198	All other fabrics.....	116	7,934	66	7,897
2384199	Robes and dressing gowns, men's, boys', and women's, except children's, not specified by kind.....	xxx	1,967	xxx	1,24
2384100	Children's, not specified by kind.....	xxx	1,967	xxx	1,24
23842—	Breakfast coats, brunch coats, house coats, and lounging pajamas..	xxx	1,673	xxx	44,267
	Women's, misses, and juniors breakfast coats, brunch coats and house coats (excluding robes, negligees and lounging pajamas):	467	7,934	116	1,248
2384213	Cotton.....	36	1,106	68	1,889
2384215	Rayon and acetate.....	49	1,407	68	1,889
2384217	Nylon.....	48	1,407	68	1,889
2384219	All other fabrics.....	4	432	2	1,184
2384251	Lounging pajamas.....	4	432	2	1,184
2384200	Breakfast coats, brunch coats, house coats, and lounging pajamas, not specified by kind.....	xxx	4,021	xxx	...
2384000	Robes and dressing gowns, not specified by kind.....	xxx	12,634	xxx	7,931

xxx Not applicable.

GOV. PRINTING OFFICE

UICGOMA-DC

U. S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

OFFICIAL BUSINESS

Postage and Fees Paid  
U. S. Department of Commerce

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-23F-1

### CURTAINS AND DRAPERIES INDUSTRY

(Industry Code 2391—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Curtains and Draperies Industry shipped products valued at \$214 million, an increase of 19 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 16 percent from 1954 to 1958 to a total of 16,2 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$85 million in 1958, an increase of 34 percent from 1954 when the previ-

ous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE CURTAINS AND DRAPERIES INDUSTRY IN THE UNITED STATES: 1954 AND 1958

(Standard Industrial Classification Code 2391)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	16.2	14.0	+16
Payroll.....	Million dollars...	43.0	36.9	+17
Production workers:				
Number.....	Thousands.....	14.0	12.4	+13
Man-hours.....	Millions.....	27.0	23.0	+17
Wages.....	Million dollars...	36.7	27.3	+34
Value added by manufacture, unadjusted <sup>2</sup> .....	...\$0.....	86.6	61.4	+41
Value added by manufacture, adjusted <sup>3</sup> .....	...\$0.....	75.4	53.7	+40
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	...\$0.....	129.7	117.4	+10
Value of shipments <sup>5</sup> .....	...\$0.....	214.0	180.2	+19
Capital expenditures, new <sup>6</sup> .....	...\$0.....	1.9	1.2	+50
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	204	132	+54

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Curtains and Draperies Industry includes establishments engaged primarily in the manufacture of curtains and draperies from purchased fabric. Establishments primarily engaged in manufacturing window curtains and draperies from plastics or fiber glass fabrics are also included in this industry. Establishments primarily engaged in manufacturing lace curtains, and draperies are classified in Industry 2292, Lace Goods; and paper draperies in Industry 2699, Converted Paper Products, N.E.C. Commission plants making curtains and draperies for others are included in this industry. Jobbers who have curtains made by others from their materials are classified in the wholesalers trade industries. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Curtains and Draperies Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Curtains and Draperies Industry amounted to \$214 million. Of this total, \$190 million were products primary to the industry.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$207 million of curtains and draperies were shipped by all producers of these products. Of this total, \$190 million, or 92 percent, were shipped by plants classified in Industry 2391, Curtains and Draperies, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



UNITED STATES DEPARTMENT OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS, WASHINGTON, D. C. 20540

Region and State <sup>1</sup>	1954										1953
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	Value added by manufacture, unadjusted <sup>6</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (\$1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)				
United States	1,400,000	4,000,000	1,000,000	2,500,000	1,500,000	1,500,000	1,500,000	10,000,000	1,000,000	10,000	1,500,000
Atlantic States	400,000	1,000,000	300,000	750,000	450,000	450,000	450,000	3,000,000	300,000	3,000	450,000
New England	100,000	250,000	70,000	175,000	105,000	105,000	105,000	700,000	70,000	700	105,000
Middle Atlantic	150,000	400,000	100,000	250,000	150,000	150,000	150,000	1,000,000	100,000	1,000	150,000
South Atlantic	150,000	350,000	130,000	325,000	295,000	295,000	295,000	2,300,000	230,000	2,300	295,000
New York	100,000	250,000	70,000	175,000	105,000	105,000	105,000	700,000	70,000	700	105,000
New Jersey	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Pennsylvania	100,000	250,000	70,000	175,000	105,000	105,000	105,000	700,000	70,000	700	105,000
Maryland	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Virginia	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
North Carolina	100,000	250,000	70,000	175,000	105,000	105,000	105,000	700,000	70,000	700	105,000
South Carolina	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Georgia	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Florida	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Alabama	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Louisiana	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Mississippi	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Arkansas	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Tennessee	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Kentucky	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
West Virginia	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Ohio	100,000	250,000	70,000	175,000	105,000	105,000	105,000	700,000	70,000	700	105,000
Indiana	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Illinois	100,000	250,000	70,000	175,000	105,000	105,000	105,000	700,000	70,000	700	105,000
Michigan	100,000	250,000	70,000	175,000	105,000	105,000	105,000	700,000	70,000	700	105,000
Minnesota	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Wisconsin	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Iowa	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Missouri	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Nebraska	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Kansas	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Oklahoma	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Texas	100,000	250,000	70,000	175,000	105,000	105,000	105,000	700,000	70,000	700	105,000
New Mexico	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
Arizona	50,000	125,000	35,000	87,500	52,500	52,500	52,500	350,000	35,000	350	52,500
California	100,000	250,000	70,000	175,000	105,000	105,000	105,000	700,000	70,000	700	105,000

D Withheld to avoid disclosure of information for individual companies.

<sup>1</sup> For the purpose of this report, the States are grouped into four regions: New England, Middle Atlantic, South Atlantic, and West North Central. The States of Alaska and Hawaii are not included in this report.

<sup>2</sup> Value added by manufacture is the net value of the products of the manufacturing industry, less the value of the materials and services used in the production process. It is the value added to the raw materials and services in the production process.

<sup>3</sup> Value added by manufacture is the net value of the products of the manufacturing industry, less the value of the materials and services used in the production process. It is the value added to the raw materials and services in the production process.

<sup>4</sup> Value added by manufacture is the net value of the products of the manufacturing industry, less the value of the materials and services used in the production process. It is the value added to the raw materials and services in the production process.

<sup>5</sup> Value added by manufacture is the net value of the products of the manufacturing industry, less the value of the materials and services used in the production process. It is the value added to the raw materials and services in the production process.

<sup>6</sup> Value added by manufacture is the net value of the products of the manufacturing industry, less the value of the materials and services used in the production process. It is the value added to the raw materials and services in the production process.

## UNITED STATES DEPARTMENT OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS, WASHINGTON, D. C. 20540

One-half quantity and value of items reported not shown by manufacturers in the 1954 Census of Manufactures. Manufacturers making these items as "secondary" products in other than their primary products. (See text under "Value of Shipments.")

Product	Value of Shipments (\$1,000)				
	1954				
	Quantity reported	Quantity not reported	Value reported	Value not reported	Total
1954-- Curtains and draperies, cotton, rayon, silk, etc.					
Cotton					
Quantity reported					
Quantity not reported					
Man-made fiber					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic					
Quantity reported					
Quantity not reported					
Other materials including plastic</					



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-25F-2

### TUCKING, PLEATING, AND STITCHING INDUSTRY

(Industry Code 2395 SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Tucking, Pleating, and Stitching industry had receipts of \$36 million, a decrease of 11 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 23 percent from 1954 to 1958 to a total of 5.0 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$26 million in 1958, a decrease of 7 percent from 1954 when the previ-

ous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE TUCKING, PLEATING, AND STITCHING INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2395)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	5.0	6.5	-23
Payroll.....	Million dollars...	15.0	17.6	-15
Production workers:				
Number.....	Thousands.....	4.5	6.0	-26
Man-hours.....	Millions.....	(NA)	(NA)	(NA)
Wages.....	Million dollars...	12.7	14.8	-14
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	25.9	27.9	-7
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	26.0	28.0	-7
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	5.1	6.8	-25
Value of receipts <sup>5</sup> .....	..do.....	31.1	34.8	-11
Capital expenditures, new.....	..do.....	1.0	0.6	+52
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	70	93	-25

NA Not available.

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of receipts." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

GROUP 2A

GROUP 2B

The Tucking, Pleating, and Stitching Industry includes establishments engaged primarily in pleating, stitching, and tucking for the trade. Other services included appliqueing, buttonhole making, hemstitching, etc. Establishments primarily engaged in performing similar services for individuals are classified in the service industries and are excluded from the Census of Manufactures. Establishments primarily engaged in embroidering are classified in Industries 2397 "Schiffli-machine embroideries" or 2398 "Embroideries except Schiffli-machine". This report does not include figures for administrative offices, warehouses, garages or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF RECEIPTS

The receipts reported by establishments classified in Tucking, Pleating, and Stitching Industry consisted not only of receipts described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total receipts of establishments classified in the Tucking, Pleating, and Stitching Industry amounted to \$31 million. Of this total, \$29 million were receipts classified as primary to the industry, \$1 million were products primary to other industries, and \$1

million were receipts for miscellaneous activities. The industry receipts for primary products represented 98 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 99 percent.

The total value of contract receipts for the industry, should be clearly distinguished from the total value of contract receipts for tucking, pleating and stitching received by all producers. The latter figure, appearing in table 3, indicates that \$30 million of contract receipts for tucking, pleating, stitching, etc. were received by all manufactures performing such services. Of this total, \$29 million, or 97 percent, were reported by plants classified in Industry 2395, Tucking, Pleating, and Stitching while the remainder was reported by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities. This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and totals for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



# INDUSTRY OF MANUFACTURING

Region and State <sup>1</sup>	1954										1958	
	All employees		Production workers			Value added by manufacture		Value of capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>	
	Number	Payroll (\$1,000)	Number	Man-hour (1,000)	Average (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>4</sup> (\$1,000)					
United States	1,000,000	100,000	1,000,000	100,000	1,000	100,000	100,000	100,000	100	1,000,000	100,000	
New England	100,000	10,000	100,000	10,000	100	10,000	10,000	10,000	10	100,000	10,000	
Middle Atlantic	100,000	10,000	100,000	10,000	100	10,000	10,000	10,000	10	100,000	10,000	
New York	100,000	10,000	100,000	10,000	100	10,000	10,000	10,000	10	100,000	10,000	
New Jersey	100,000	10,000	100,000	10,000	100	10,000	10,000	10,000	10	100,000	10,000	
North Central	100,000	10,000	100,000	10,000	100	10,000	10,000	10,000	10	100,000	10,000	
South and West	100,000	10,000	100,000	10,000	100	10,000	10,000	10,000	10	100,000	10,000	
California	100,000	10,000	100,000	10,000	100	10,000	10,000	10,000	10	100,000	10,000	

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

<sup>1</sup>For purposes of this table, the United States is divided into four regions: New England, Middle Atlantic, North Central, and South and West. The District of Columbia is included in the North Central region. The Virgin Islands are included in the South and West region. The Alaska and Hawaii territories are included in the North Central region.

<sup>2</sup>Value added by manufacture is the value of the products produced by the manufacturing establishments in the United States.

<sup>3</sup>Unadjusted value added by manufacture is the value of the products produced by the manufacturing establishments in the United States, before deducting the value of the materials and supplies used in the production process.

<sup>4</sup>For explanation of the "Value added by manufacture" column, see the "Value added by manufacture" column in the "Value added by manufacture" column.

<sup>5</sup>Except for the number of establishments with 20 or more employees, the figures shown in the table are based on reports from all establishments, including those with less than 20 employees, in the manufacturing industry.

Table 3.--RECEIPTS FOR CONTRACT TUCKING, PLEATING AND STITCHING FOR THE TRADE IN THE UNITED STATES: 1958 AND 1954

(Includes receipts reported not only by establishments classified in the Tucking, Pleating and Stitching Industry but also by establishments classified in other industries)

Product code	Product	Value of receipts (\$1,000)	
		1958	1954
2395098	Contract tucking, pleating, hemstitching and buttonholing for the trade.....	29,763	14,351

<sup>1</sup>Data for 1954 represent total receipts for contract and commission work for establishments classified in Industry 2395. It therefore excludes receipts received for this service by establishments classified in other industries. Such receipts in 1958 amounted to less than \$1 million.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC (P) -23F-3

### SCHIFFLI-MACHINE EMBROIDERIES INDUSTRY

(Industry Code 2397—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Schiffli-Machine Embroideries Industry shipped products valued at \$76 million, an increase of 12 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 2 percent from 1954 to 1958 to a total of 5,8 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$44 million in 1958, an increase of 25 percent from 1954

when the previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE SCHIFFLI-MACHINE EMBROIDERIES INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2397)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	5.8	5.7	+2
Payroll.....	Million dollars...	24.6	19.7	+25
Production workers:				
Number.....	Thousands.....	5.2	5.1	+3
Man-hours.....	Millions.....	11.3	10.0	+13
Wages.....	Million dollars...	20.9	14.8	+41
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	43.8	34.4	+27
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	43.7	34.9	+25
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	31.6	32.9	-4
Value of shipments <sup>5</sup> .....	do.....	75.7	67.9	+12
Capital expenditures, new.....	do.....	2.8	1.0	+180
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	49	57	-14

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Schiffli-Machine Embroideries Industry includes establishments engaged primarily in the manufacture of Schiffli-machine embroideries and burnt-out laces from their own goods or on commission on material owned by others. These products are made in part in "family-plants" which do not employ production or other workers and are excluded from the census of manufactures. Establishments producing embroideries other than Schiffli-machine are classified in Industry 2398, Embroideries, Except Schiffli-Machine. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Schiffli-Machine Embroideries Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Schiffli-Machine Embroideries Industry amounted to \$76 million. Of this total, \$74 million were products primary to the industry, while \$2 million were products primary to other industries, and receipts for miscellaneous

activities. The industry shipments of primary products represented 99 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 99 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$75 million of Schiffli-machine embroideries or commission embroidering on material owned by others were shipped by all producers of these products. Of this total, \$74 million, or 98 percent, were shipped by plants classified in Industry 2397, Schiffli-machine Embroideries, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



# 1958 CENSUS OF MANUFACTURES

Table 2.--GENERAL STATISTICS FOR THE SCHIFFLI-MACHINE EMBROIDERIES INDUSTRY (S.I.C. CODE 2397) BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	5,798	24,577	5,199	11,277	20,868	43,801	43,686	75,731	2,840	49	5,715	34,334
Middle Atlantic.....	5,102	22,004	4,598	10,102	19,035	39,919	39,861	69,724	(D)	40	5,292	32,576
New York.....	433	1,670	328	597	1,073	3,232	3,236	8,362	(D)	2	702	3,878
New Jersey.....	4,427	19,426	4,046	9,052	17,239	35,117	35,004	59,197	(D)	32	4,260	27,527
North Central.....	272	968	234	430	693	1,370	1,367	1,943	(D)	6	253	1,118
All other regions.....	424	1,605	367	745	1,140	2,512	2,458	4,064	(D)	3	170	701

<sup>1</sup> D Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>3</sup> Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>4</sup> Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>5</sup> For explanation see text under "Value of shipments."

<sup>6</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--VALUE OF SCHIFFLI-MACHINE EMBROIDERIES SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes value of these products reported not only by establishments classified in the Schiffli-Machine Embroideries Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Value of shipments and receipts (\$1,000)	
		1958	1954
2397---	Schiffli-machine embroideries, total.....	75,404	165,555
2397012	Schiffli-machine embroideries.....	49,017	49,832
2397111	Commission receipts for Schiffli-machine embroidering on materials owned by others.....	23,254	215,723
2397000	Schiffli-machine embroideries, not specified by kind.....	3,133	xxx

xxx Not applicable.

<sup>1</sup> Revised to include commission receipts.

<sup>2</sup> The 1954 figure represents total receipts for all commission work performed by establishments classified in Industry 2397 and is not strictly comparable with the 1958 figure which represents receipts for Schiffli-machine embroidering regardless of the industry classification of the establishment.

**1958 CENSUS OF MANUFACTURES  
PUBLICATION PROGRAM**

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

**FINAL INDUSTRY REPORTS**

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

**FINAL AREA REPORTS**

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

**FINAL SUBJECT REPORTS**

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

**VOLUME I - SUMMARY STATISTICS**

**VOLUME II - INDUSTRY STATISTICS**

**VOLUME III - AREA STATISTICS**

Bureau of the Census  
Washington 25, D. C.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-23F-4

### TEXTILE BAGS INDUSTRY

(Industry Code 2393-SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Textile Bags Industry shipped products valued at \$202 million, a decrease of 21 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 25 percent from 1954 to 1958 to a total of 9,0 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$51 million in 1958, a decrease of 8 percent from 1954 when the previous census was

taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE TEXTILE BAGS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2393)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	9.0	12.1	-26
Payroll.....	Million dollars...	29.8	35.1	-15
Production workers:				
Number.....	Thousands.....	7.5	9.9	-24
Man-hours.....	Millions.....	14.8	18.7	-21
Wages.....	Million dollars...	21.7	24.3	-11
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	48.1	51.6	-7
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	50.8	55.1	-8
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	152.1	199.9	-24
Value of shipments <sup>5</sup> .....	..do.....	201.8	254.3	-21
Capital expenditures, new.....	..do.....	1.5	3.9	-63
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	99	121	-18

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Textile Bags Industry includes establishments engaged primarily in the manufacture of cotton, burlap, canvas, and other textile bags from purchased fabric. Establishments engaged primarily in manufacturing textile laundry and wardrobe bags are classified in Industry 2392, Housefurnishing, N.E.C. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in The Textile Bags Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Textile Bags Industry amounted to \$202 million. Of this total, \$153 million were products primary to the industry, \$24 million were products primary to other industries, and \$25 million were receipts for miscellaneous activities. The industry shipments of primary products represented 86 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 84 percent.

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$176 million of textile bags, except laundry and wardrobe, were shipped by all producers of these products. Of this total, \$153 million, or 87 percent, were shipped by plants classified in Industry 2393, Textile Bags while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 CENSUS OF MANUFACTURES

3

Table 2.--GENERAL STATISTICS FOR THE TEXTILE BAGS INDUSTRY (U.S. INDUSTRY) REGIONAL AND STATE DATA

Region and State <sup>1</sup>	1958								1954		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>2</sup> (\$1,000)				
United States, total.....	5,329	29,540	1,480	14,111	21,611	1,014	5,071	201,798	1,477	19	12,100
New England.....	228	726	199	387	583	1,274	1,274	2,401	29	2	1,200
Massachusetts.....	196	641	17	346	504	1,014	1,014	1,697	19	2	1,000
Middle Atlantic.....	1,672	5,617	1,786	2,859	4,067	3,393	9,561	33,330	173	24	1,200
New York.....	992	3,247	803	1,620	2,379	5,613	5,627	18,295	12	13	1,200
New Jersey.....	313	929	266	546	681	1,538	1,614	6,410	21	7	1,200
Pennsylvania.....	387	1,461	717	693	991	2,242	2,268	5,625	27	4	1,200
East North Central.....	661	1,967	496	1,037	1,367	2,985	3,102	12,640	221	7	1,279
West North Central.....	1,044	3,898	879	1,826	2,892	7,652	7,919	30,879	180	13	2,240
Missouri.....	426	1,879	413	857	1,393	3,580	3,710	19,651	61	7	1,000
South Atlantic.....	1,342	3,878	1,148	2,144	2,738	7,183	7,514	24,371	231	15	1,440
Virginia.....	415	1,248	339	642	842	1,783	1,831	7,602	29	4	492
North Carolina.....	368	937	275	529	726	1,713	1,898	4,267	49	4	1,620
Georgia.....	419	1,253	369	658	824	2,856	2,935	9,694	60	4	1,120
East South Central.....	443	1,327	393	808	1,027	1,551	1,673	8,811	35	5	700
West South Central.....	2,068	5,840	1,670	3,213	4,479	9,005	9,482	48,430	372	18	1,940
Texas.....	1,246	3,604	1,046	2,026	2,945	6,173	6,558	31,805	135	9	1,130
West.....	1,625	6,487	1,315	2,646	4,543	9,105	10,290	40,936	229	15	1,873
California.....	958	3,796	757	1,449	2,559	5,713	5,800	22,239	146	9	1,073

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

Table 3.--QUANTITY AND VALUE OF TEXTILE BAGS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Textile Bags Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 lin. yds.)	Value (\$1,000)	Quantity (1,000 lin. yds.)	Value (\$1,000)
2393---	Textile bags, except laundry and wardrobe, total.....	xxx	175,967	xxx	210,111
2393012	Cotton including cotton canvas, excluding open mesh.....	284,034	61,209	419,361	96,961
2393015	Open mesh cotton and spun paper.....	108,782	19,141	(1)	(1)
2393031	Burlap.....	590,036	73,322	597,588	79,300
2393098	Other textile bags:				
	Quantity reported.....	18,623	6,189	149,812	118,923
	Quantity not reported.....	xxx	xxx	xxx	15,996
2393000	Textile bags, not specified by kind.....	xxx	16,106	xxx	9,111

xxx Not applicable.

<sup>1</sup>In 1954, open mesh cotton and spun paper bags were included with product 2392098.

**1958 CENSUS OF MANUFACTURES**  
**PUBLICATION PROGRAM**

Following publication of preliminary reports, the results of  
the 1958 Census of Manufactures will be issued as follows:

**Final Industry Reports**

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

**Final Area Reports**

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

**Final Subject Reports**

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound  
volumes of the 1958 Census of Manufactures.

**VOLUME I—SUMMARY STATISTICS**

**VOLUME II—INDUSTRY STATISTICS**

**VOLUME III—AREA STATISTICS**

**Bureau of the Census**

WASHINGTON 25, D. C.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-23F-5

### CANVAS PRODUCTS INDUSTRY

(Industry Code 2394—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufactures in the Canvas Products Industry shipped products valued at \$131 million, a decrease of 11 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 27 percent from 1954 to 1958 to a total of 9.9 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$53 million in 1958, a decrease of 18 percent from 1954 when the previous census was taken.

Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE CANVAS PRODUCTS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2394)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
<b>All employees:</b>				
Number.....	Thousands.....	9.9	13.5	-27
Payroll.....	Million dollars...	35.2	40.2	-12
<b>Production workers:</b>				
Number.....	Thousands.....	7.7	10.7	-28
Man-hours.....	Millions.....	5.3	20.5	-25
Wages.....	Million dollars...	23.8	25.9	-8
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	51.2	61.4	-17
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	53.1	65.2	-18
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	78.7	82.3	-4
Value of shipments <sup>5</sup> .....	..do.....	131.4	147.7	-11
Capital expenditures, new.....	..do.....	1.9	1.3	+44
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	125	150	-17

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resale for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U. S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Canvas Products Industry includes establishments engaged primarily in the manufacture of awnings, tents, sails, canvas covers, tarpaulins, and canopies from purchased canvas. Other canvas products included in this industry are industrial aprons and painters' drop cloths. Excluded from this industry are establishments primarily engaged in manufacturing canvas bags which are classified in Industry 2393, Textile Bags; rubber-soled canvas shoes, in Industry 3021, Rubber Footwear; and canvas boots, in Industry 3141, Footwear, Except Rubber. Establishments primarily engaged in the manufacture of canvas products for direct sale on the premises to household consumers are classified in Retail Trade industries. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Canvas Products Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Canvas Products Industry amounted to \$131 million. Of this total, \$103 million were prod-

ucts primary to the industry, \$11 million were products primary to other industries, and \$17 million were receipts for miscellaneous activities. The industry shipments of primary products represented 90 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 87 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$114 million of canvas products were shipped by all producers of these products. Of this total, \$103 million, or 90 percent, were shipped by plants classified in Industry 2394, Canvas Products, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

Table 2 --GENERAL STATISTICS FOR THE CANVAS PRODUCTS INDUSTRY (S.I.C. CODE 2394) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	9,916	35,226	7,634	15,305	23,759	51,214	53,119	131,438	1,851	125	13,540	61,442
New England.....	436	1,484	353	679	1,125	2,429	2,435	4,416	72	5	719	3,023
Massachusetts.....	261	926	216	434	717	1,738	1,735	3,030	35	3	464	1,841
Middle Atlantic.....	1,883	6,905	1,501	3,030	4,922	10,774	11,239	24,254	337	25	2,598	12,590
New York.....	1,061	3,955	848	1,629	2,775	6,492	6,826	13,520	189	14	1,513	7,084
East North Central.....	2,512	9,241	1,837	3,642	5,758	12,523	12,834	32,591	560	33	4,072	19,087
Illinois.....	609	2,268	468	929	1,436	3,834	3,797	7,721	111	9	1,142	5,641
Michigan.....	281	1,074	230	452	800	1,932	1,848	4,124	340	5	367	1,929
Wisconsin.....	283	1,030	183	368	644	1,601	1,786	3,407	45	3	219	1,002
West North Central.....	1,561	5,450	1,256	2,511	3,798	8,282	8,975	20,237	267	18	1,526	6,953
Iowa.....	421	1,678	322	683	1,106	2,775	2,741	4,954	29	3	240	1,160
Missouri.....	773	2,408	661	1,298	1,853	3,212	3,866	10,046	179	9	846	3,705
South Atlantic.....	1,154	3,809	872	1,811	2,602	4,838	5,002	14,987	142	16	1,810	7,227
East South Central.....	491	1,287	400	868	972	1,844	2,048	4,502	37	4	799	2,549
Tennessee.....	277	664	225	447	523	978	1,165	2,725	25	1	394	1,349
West South Central.....	548	1,821	421	801	1,240	2,585	2,295	7,078	79	7	805	3,332
Texas.....	308	1,099	243	471	785	1,532	1,255	4,297	56	3	334	1,625
West.....	1,331	5,229	1,054	1,963	3,342	7,939	8,291	23,373	357	17	...	...
California.....	895	3,610	712	1,328	2,286	5,565	5,687	16,750	247	10	790	4,845

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--QUANTITY AND VALUE OF CANVAS PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Canvas Products Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2394---	Canvas products, total.....	.....	xxx	114,388	xxx	124,042
2394011	Painted awning stripes.....	Thousand square yards.	4,611	3,083	5,507	3,671
2394021	Awnings.....	Number.....	(NA)	11,220	xxx	18,980
2394031	Tents.....	.....	(NA)	13,708	xxx	13,979
2394051	Tarpaulin covers for trucks, boats, etc..	.....	(NA)	17,323	xxx	17,753
2394098	Sales and other canvas products, except bags.....	.....	xxx	31,186	xxx	36,460
2394000	Canvas products, not specified by kind...	.....	xxx	37,868	xxx	33,199

NA Not available.

xxx Not applicable.

**1958 CENSUS OF MANUFACTURES  
PUBLICATION PROGRAM**

Following publication of preliminary reports, the results of  
the 1958 Census of Manufactures will be issued as follows:

**Final Industry Reports**

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

**Final Area Reports**

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

**Final Subject Reports**

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound  
volumes of the 1958 Census of Manufactures.

**VOLUME I—SUMMARY STATISTICS**

**VOLUME II—INDUSTRY STATISTICS**

**VOLUME III—AREA STATISTICS**

**Bureau of the Census**

WASHINGTON 25, D. C.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1959

MC(P)-23F-4

### TRIMMINGS AND ART GOODS INDUSTRY

(Industry Code 2396—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Trimmings and Art Goods Industry shipped products valued at \$286 million, an increase of 14 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 7 percent from 1954 to 1958 to a total of 16.5 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$93 million in 1958, an increase of 2 percent from 1954 when

the previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE TRIMMINGS AND ART GOODS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2396)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
<b>All employees:</b>				
Number.....	Thousands.....	16.5	17.8	-7
Payroll.....	Million dollars...	67.8	55.6	+22
<b>Production workers:</b>				
Number.....	Thousands.....	13.3	15.0	-12
Man-hours.....	Millions.....	25.8	28.1	-8
Wages.....	Million dollars...	49.1	40.6	+21
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	99.1	87.7	+13
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	93.4	91.3	+2
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	185.7	161.8	+15
Value of shipments <sup>5</sup> .....	..do.....	285.8	251.1	+14
Capital expenditures, new.....	..do.....	3.2	7.7	-59
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	180	198	-9

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Trimmings and Art Goods Industry includes establishments engaged primarily in the manufacture of trimmings for millinery and other uses, stamped art goods and art needlework. Other products included in this industry are: bias binding; automobile and furniture trimmings; and women's and children's apparel findings. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Trimmings and Art Goods Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Trimmings and Art Goods Industry amounted to \$286 million. Of this total, \$259 million were products primary to the industry, \$13 million were products primary to other industries, and \$14 million were receipts for miscellaneous activities. The industry shipments of primary

products represented 95 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 97 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$267 million of Trimmings and Art Goods were shipped by all producers of these products. Of this total, \$259 million, or 97 percent, were shipped by plants classified in Industry 2396, Trimmings and Art Goods, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

3

Table 2.--GENERAL STATISTICS FOR THE TRIMMINGS AND ART GOODS INDUSTRY (S.I.C. CODE 2396) BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	16,539	67,774	13,289	25,774	49,080	99,083	93,416	285,757	3,153	180	17,754	87,687
New England.....	509	1,786	414	803	1,146	3,230	3,210	6,903	35	9	1,181	6,008
Massachusetts.....	470	1,628	380	717	1,013	3,075	3,052	6,260	32	8	961	5,450
Middle Atlantic.....	7,889	26,267	6,445	12,241	18,822	45,916	45,185	97,829	1,134	131	10,563	45,477
New York.....	6,955	23,409	5,637	10,696	16,516	41,093	40,512	87,106	881	116	8,808	40,428
New Jersey.....	394	1,392	350	716	1,164	2,237	2,244	3,475	82	7	400	1,738
Pennsylvania.....	540	1,466	458	829	1,142	2,586	2,429	7,248	171	8	834	3,310
East North Central.....	6,630	34,825	5,211	10,328	25,638	41,493	36,379	156,968	1,593	23	4,380	26,835
Michigan.....	5,223	29,520	4,122	8,123	21,953	31,374	27,434	131,456	1,359	11	2,827	18,571
West North Central.....	294	1,140	226	439	630	1,625	1,914	4,517	32	5	678	3,329
South.....	498	1,281	433	844	1,067	2,234	2,314	7,333	93	5	254	860
West.....	719	2,475	560	1,119	1,777	4,585	4,414	12,207	266	7	1,215	5,176
California.....	658	2,305	500	998	1,609	4,193	4,022	11,548	255	6	1,200	5,135

<sup>1</sup>Each producing State not shown separately in the above table was withheld either to avoid disclosing figures for individual companies, in the case of associated industries, or to avoid disclosure of figures for establishments of relatively minor economic importance in the State. Additional publication details will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped, less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--VALUE OF TRIMMINGS, STAMPED ART GOODS AND ART NEEDLEWORK SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Trimmings and Art Goods Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Value of shipments including interplant transfers (\$1,000)	
		1958	1954
2396---	Trimmings, stamped art goods, and art needlework, total.....	267,013	266,610
	Trimmings except automobile and furniture:		
2396011	Women's and children's apparel findings and trimmings.....	27,338	26,571
2396013	Other.....	1,492	24,592
	Automobile and furniture trimmings:		
2396016	Automobile.....	157,561	161,439
2396017	Furniture.....	1,465	
	Bind binding:		
2396031	For the apparel trades.....	16,350	18,873
2396035	For the notion trade.....	1,209	7,147
2396051	Stamped art goods for embroidering and punching.....	7,499	9,094
2396098	Other trimmings, stamped art goods, and art needlework.....	9,941	9,401
2396000	Trimmings, stamped art goods, and art needle work, not specified by kind.....	34,721	19,313

**1958 CENSUS OF MANUFACTURES**  
**PUBLICATION PROGRAM**

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

**Final Industry Reports**

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

**Final Area Reports**

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

**Final Subject Reports**

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

**VOLUME I—SUMMARY STATISTICS**

**VOLUME II—INDUSTRY STATISTICS**

**VOLUME III—AREA STATISTICS**

**Bureau of the Census**

**WASHINGTON 25, D. C.**

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-23F-7

### EMBROIDERIES, EXCEPT SCHIFFLI, INDUSTRY

(Industry Code 2398--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Embroideries, Except Schiffli, Industry shipped products valued at \$57 million, a decrease of 1 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 31 percent from 1954 to 1958 to a total of 7.5 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$37 million in 1958, a decrease of 11 percent from 1954 when

the previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE EMBROIDERIES, EXCEPT SCHIFFLI, INDUSTRY: 1958 AND 1954

(Standard Industrial Classification Code 2398)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	7.5	10.8	-31
Payroll.....	Million dollars...	21.2	26.9	-21
Production workers:				
Number.....	Thousands.....	6.6	10.0	-34
Man-hours.....	Millions.....	11.5	16.4	-30
Wages.....	Million dollars...	17.9	22.2	-19
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	36.8	41.3	-11
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	37.1	41.8	-11
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	19.8	15.5	+28
Value of shipments.....	..do.....	56.9	57.3	-1
Capital expenditures, new.....	..do.....	1.4	0.7	+100
Number of establishments with 20 or more employees <sup>5</sup> .....	Number.....	103	141	-27

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Embroideries, Except Schiffli, Industry includes establishments engaged primarily of the manufacture of swiss loom and other machine-made or hand-made embroideries, except schiffli-machine embroideries. Establishments primarily engaged in manufacturing schiffli-machine embroideries are classified in Industry 2397. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Embroideries, Except Schiffli, Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Embroideries, Except Schiffli, Industry amounted to \$57 million. Of this total, \$51 million were products primary to the industry, \$4 million were products primary to other industries, and \$2 million were receipts for miscellaneous activities. The industry shipments of primary products represented 93 percent of

the total manufactured product shipments (primary and secondary). The 1954 ratio was 98 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$54 million of embroideries, except Schiffli-machine were shipped by all producers of these products. Of this total, \$51 million, or 94 percent, were shipped by plants classified in Industry 2398, Embroideries, Except Schiffli, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

Table 2.--GENERAL STATISTICS FOR THE EMBROIDERIES EXCEPT SCHIFFLI INDUSTRY, BY REGION AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	7,481	21,205	6,567	11,484	17,878	36,842	37,113	56,929	1,393	103	10,803	41,280
Northeast.....	6,284	17,781	5,511	9,620	15,131	30,586	30,900	46,972	1,093	90	(D)	(D)
New York.....	4,591	13,167	3,969	6,751	10,960	21,697	22,026	31,984	753	69	7,364	27,653
New Jersey.....	1,150	3,284	1,054	1,953	3,009	7,125	7,096	12,625	(D)	12	1,286	5,968
Pennsylvania.....	406	957	370	678	847	1,318	1,311	1,544	(D)	6	339	1,067
North Central.....	431	1,176	366	608	979	2,285	2,291	3,732	123	6	607	1,845
South.....	243	752	222	439	589	1,343	1,357	1,770	(D)	4	451	1,935
West.....	523	1,496	468	817	1,179	2,628	2,565	4,455	(D)	3	(D)	(D)

<sup>1</sup> D Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>3</sup> Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>4</sup> Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>5</sup> For explanation see text under "Value of shipments."

<sup>6</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--VALUE OF SHIPMENTS AND COMMISSION RECEIPTS FOR ALL PRODUCERS OF EMBROIDERIES, EXCEPT SCHIFFLI-MACHINE IN THE UNITED STATES: 1958 AND 1954

(Includes value of these products reported not only by establishments classified in the Embroideries, except Schiffli-Machine Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Value of shipments and commission receipts (\$1,000)	
		1958	1954
2398--	Embroideries, except Schiffli-machine, total.....	54,303	56,822
2398012	Receipts for embroideries, except Schiffli-machine, made from materials owned by producing establishments.....	26,060	31,509
2398111	Commission receipts for embroideries, (other than Schiffli-machine) on materials owned by others.....	17,306	25,313
2398000	Receipts, not specified by kind.....	10,937	...

<sup>1</sup> These receipts are for all contract and commission work performed by establishments classified in industry 2398 and are not strictly comparable to the 1958 figure which represents receipts for embroidering (except Schiffli-machine) regardless of the industry classification of the establishment.

**1958 CENSUS OF MANUFACTURES**  
**PUBLICATION PROGRAM**

Following publication of preliminary reports, the results of  
the 1958 Census of Manufactures will be issued as follows:

**Final Industry Reports**

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

**Final Area Reports**

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

**Final Subject Reports**

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound  
volumes of the 1958 Census of Manufactures.

**VOLUME I—SUMMARY STATISTICS**

**VOLUME II—INDUSTRY STATISTICS**

**VOLUME III—AREA STATISTICS**

**Bureau of the Census**

WASHINGTON 25, D. C.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

June 1960

MC(P)-23F-8

### FABRICATED TEXTILE PRODUCTS, N.E.C., INDUSTRY

(Industry Code 2399—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Fabricated Textile Products, Not Elsewhere Classified, Industry shipped products valued at \$243 million, an increase of 16 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 1 percent from 1954 to 1958 to a total of 18.1 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$103 million in 1958, an increase of 15 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE FABRICATED TEXTILE PRODUCTS, N.E.C., INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2399)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	18.1	18.0	+1
Payroll.....	Million dollars...	60.7	52.2	+16
Production workers:				
Number.....	Thousands.....	14.8	15.3	-3
Man-hours.....	Millions.....	28.4	28.7	-1
Wages.....	Million dollars...	43.3	37.3	+16
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	103.0	87.3	+18
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	103.1	89.1	+15
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	137.6	120.4	+14
Value of shipments <sup>5</sup> .....	..do.....	242.7	209.6	+16
Capital expenditures, new.....	..do.....	4.4	2.7	+63
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	240	206	+17

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Fabricated Textile Products, n.e.c., Industry includes establishments engaged primarily in the manufacture of fabricated textile products not elsewhere classified, such as automobile seat covers, banners, flags, and pennants from purchased fabrics. Establishments primarily engaged in the sponging, shrinking, burling or mending of cloth for the trade are also included in this industry. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Fabricated Textile Products, N.E.C., Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Fabricated Textile Products, N.E.C., Industry amounted to \$243 million. Of this total, \$209 million were products primary to the industry, \$10 million were products primary to other industries, and \$24 million were receipts for miscellaneous activities. The industry shipments of primary products represented

95 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 88 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$261 million of fabricated textile products, n.e.c., were shipped by all producers of these products. Of this total, \$209 million, or 80 percent, were shipped by plants classified in Industry 2399, Fabricated Textile Products, N.E.C., while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR THE FABRICATED TEXTILE PRODUCTS, N.E.C., INDUSTRY (S.I.C. CODE 2399) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	18,097	60,650	14,768	28,398	43,336	103,010	103,102	242,696	4,426	240	18,006	87,272
New England.....	2,095	6,337	1,795	3,103	4,705	10,713	10,713	23,876	1,079	28	2,300	10,079
Massachusetts.....	1,236	3,751	1,051	1,871	2,687	6,267	6,326	14,521	973	17	1,312	4,906
Rhode Island.....	644	1,952	551	866	1,464	3,595	3,493	7,669	91	10	486	3,155
Middle Atlantic.....	6,892	24,600	5,462	10,885	17,529	41,971	41,359	88,794	1,109	103	6,839	34,414
New York.....	4,302	16,528	3,447	6,945	11,631	29,364	28,591	59,724	690	74	4,703	23,749
New Jersey.....	1,056	4,080	876	1,744	2,910	6,319	6,529	16,632	190	9	896	4,419
Pennsylvania.....	1,534	3,992	1,139	2,196	2,988	6,288	6,180	12,438	229	20	1,239	6,244
East North Central.....	3,129	11,574	2,579	4,977	8,022	18,636	18,923	51,763	585	36	3,674	20,186
Ohio.....	1,135	4,072	941	1,807	2,779	5,448	5,397	16,598	197	12	1,139	5,803
Illinois.....	1,058	3,893	850	1,661	2,540	6,261	6,617	14,113	171	14	1,409	6,904
Michigan.....	488	1,916	422	827	1,539	3,363	3,293	13,319	89	4	695	4,565
Wisconsin.....	279	1,093	225	429	725	2,610	2,649	5,717	88	3	338	2,563
West North Central.....	1,550	4,705	1,248	2,490	3,224	6,728	6,950	16,343	147	19	1,275	6,048
Minnesota.....	637	1,739	525	915	1,283	2,177	2,380	6,668	56	7	298	1,770
Missouri.....	437	1,359	317	689	873	2,081	2,081	4,261	60	7	230	1,021
South Atlantic.....	1,585	4,211	1,393	2,580	3,338	8,639	8,619	23,554	174	14	1,249	5,113
South Carolina.....	799	1,898	705	1,252	1,568	5,237	4,990	16,609	32	6	355	1,822
Georgia.....	490	1,321	448	898	1,078	2,025	2,230	4,351	62	5	284	1,445
East South Central.....	570	1,659	399	712	962	2,791	3,024	7,831	120	4	583	2,027
Tennessee.....	430	1,298	282	501	708	2,252	2,533	6,590	64	2	373	1,358
West South Central.....	655	1,876	565	1,108	1,449	3,661	3,376	8,383	114	11	442	1,471
Texas.....	569	1,666	495	991	1,280	3,238	2,970	7,320	85	10	365	1,308
West.....	1,621	5,688	1,327	2,541	4,107	9,871	10,138	22,152	1,098	25	1,642	7,931
Washington.....	251	894	197	338	605	1,028	1,146	3,646	65	4	249	1,158
California.....	1,110	4,071	921	1,815	2,979	7,408	7,410	14,615	991	18	1,128	5,424

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF FABRICATED TEXTILE PRODUCTS, N.E.C., SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Fabricated Textile Products, N.E.C., Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	1958				1954	
			Total production (quantity)	Total shipments including interplant transfers		Value (\$1,000)	Total shipments including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2399----	Fabricated textile products, n.e.c., total.....	.....	xxx	xxx	261,327	xxx	1200,553	
	Automobile seat covers:							
2399012	Fiber (including combinations with unsupported film).....	Thousand sets.....	(NA)	1,228	9,192	24,827	253,330	
2399014	Woven rayon and other woven plastics (including combinations with unsupported film).....	...do.....	1,795	1,706	18,267			
2399016	Clear plastic.....	...do.....	764	798	7,682			
2399019	Other.....	...do.....	(NA)	1,717	11,163			
2399010	Automobile seat covers not specified by kind.....	...do.....	(NA)	(NA)	5,467			
	Diapers:							
2399023	Regular (woven and knitted textile).....	Thousand dozen.....	12,127	12,319	22,788	16,261	25,161	
2399027	Disposable.....	...do.....	xxx	(NA)	3,752			
2399031	Sleeping bags.....	Thousands.....	1,475	1,470	13,016	905	8,531	
2399041	Flags banners and similar emblems.....	Thousands.....	xxx	xxx	17,211	xxx	9,620	
2399071	Convertible tops for automobiles.....	.....	xxx	xxx	95,288	xxx	78,511	
2399098	Other fabricated textile products, n.e.c., not specified by kind.....	.....	xxx	xxx	45,704	xxx	225,400	
2399000	Commission receipts for shrinking, sponging, mending, etc. of wool cloth owned by others.....	.....	xxx	xxx	11,797	(NA)	(NA)	

NA Not available. xxx Not applicable. <sup>1</sup>Data for 1954 does not include commission receipts (product code 2399111). <sup>2</sup>Approximately 25 percent of the value reported for fabricated textile products, n.e.c., not specified by kind represents seat covers produced by small establishments that did not report products in detail. In 1958, these establishments reported their seat cover shipments in product code 2399010.

USCOPM-DC

**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

July 1960

MC(P)23F-9

### HOUSEFURNISHINGS, N.E.C., INDUSTRY

(Industry Code 2392--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Housefurnishings, Not Elsewhere Classified, Industry shipped products valued at \$628 million, an increase of 19 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 5 percent from 1954 to 1958 to a total of 37.9 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$226 million in 1958, an increase of 26 percent from 1954 when the previous census was taken.

Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE HOUSEFURNISHINGS, NOT ELSEWHERE CLASSIFIED INDUSTRY IN THE UNITED STATES; 1958 AND 1954  
(Standard Industrial Classification Code 2392)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	37.9	36.2	+5
Payroll.....	Million dollars...	115.9	97.1	+19
Production workers:				
Number.....	Thousands.....	32.6	31.9	+2
Man-hours.....	Millions.....	62.8	59.3	+6
Wages.....	Million dollars...	85.9	71.7	+20
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	217.0	173.9	+25
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	225.5	178.5	+26
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	405.8	348.4	+16
Value of shipments <sup>5</sup> .....	..do.....	627.6	526.3	+19
Capital expenditures, new.....	..do.....	7.6	4.4	+75
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	400	361	+11

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Housefurnishings, N.E.C., Industry includes establishments engaged primarily in the manufacture of housefurnishings from purchased fabric. Important products of the industry include sheets, pillowcases, napkins, table cloths, towels, etc. Establishments primarily engaged in weaving fabric and producing towels, pillowcases and sheets at the same establishment are included in Industry 2233, Cotton Broad-Woven Fabric Mills. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Housefurnishings, N.E.C., Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Housefurnishings, N.E.C., Industry amounted to \$628 million. Of this total, \$530 million were products primary to the industry, \$69 million were products primary to other industries, and \$29 million were receipts for miscellaneous activities. The industry shipments

of primary products represented 89 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 91 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$880 million of housefurnishings, n.e.c., except knit were shipped by all producers of these products. Of this total, \$530 million, or 60 percent, were shipped by plants classified in Industry 2392, Housefurnishings, N.E.C., while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR THE HOUSEFURNISHINGS M.E.C., INDUSTRY (S.I.C. CODE 2374) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	37,851	115,947	32,559	62,824	85,948	217,005	225,414	627,599	7,632	400	36,188	173,910
New England.....	2,299	7,670	1,889	3,524	5,575	15,549	15,646	44,539	439	28	2,272	12,196
Massachusetts.....	1,525	5,154	1,242	2,276	3,579	9,850	9,972	24,087	309	20	1,281	6,591
Middle Atlantic.....	13,733	43,343	11,643	22,478	31,131	80,699	85,494	209,582	2,290	173	12,785	66,009
New York.....	9,360	30,784	7,832	15,422	21,686	54,701	57,307	147,500	1,985	125	9,013	48,412
New Jersey.....	1,985	5,827	1,710	3,103	4,353	11,307	13,338	29,102	424	25	1,708	7,929
Pennsylvania.....	2,388	6,732	2,101	3,953	5,092	14,691	14,849	32,980	281	23	2,063	9,668
East North Central.....	4,053	14,953	3,312	6,501	9,674	28,069	28,927	68,688	709	53	3,274	19,497
Ohio.....	485	1,732	397	791	1,227	3,285	3,257	7,407	99	8	453	2,444
Illinois.....	2,753	10,812	2,238	4,426	6,715	19,902	20,700	50,028	414	35	2,206	13,956
Michigan.....	356	1,069	309	628	842	2,365	2,474	6,385	122	6	201	1,098
West North Central.....	1,004	2,991	843	1,629	2,002	5,187	5,713	11,997	393	14	823	3,366
Missouri.....	462	1,493	372	733	922	2,693	3,151	7,116	56	8	394	1,816
South Atlantic.....	11,189	31,773	10,021	19,324	25,688	56,284	57,202	193,301	3,082	70	12,341	51,786
Maryland.....	1,047	3,762	747	1,547	1,998	6,302	6,580	14,149	178	7	1,118	5,382
Virginia.....	1,408	4,896	1,236	2,409	3,638	8,325	7,777	26,880	198	5	1,276	6,806
North Carolina.....	3,066	8,648	2,837	5,477	7,683	16,084	16,099	77,950	632	13	1,734	5,713
South Carolina.....	998	2,915	883	1,942	2,427	4,481	4,522	10,131	145	5	2,720	16,280
Georgia.....	4,222	10,315	3,931	7,193	8,985	19,037	20,080	59,721	1,826	34	5,148	16,423
East South Central.....	2,707	6,752	2,448	4,639	5,615	15,250	16,020	58,139	308	16	2,969	12,848
Tennessee.....	964	2,277	900	1,724	1,972	3,772	4,081	12,770	13	4	1,126	5,777
Alabama.....	1,030	2,699	944	1,874	2,312	8,868	9,315	36,772	163	5	1,146	5,325
West South Central.....	804	2,091	699	1,313	1,658	4,587	4,578	11,217	134	12	389	1,534
Texas.....	630	1,675	560	1,086	1,365	3,942	3,977	9,228	104	10	254	764
West.....	2,062	6,374	1,704	3,416	4,605	11,380	11,865	30,136	277	33	1,332	6,669
California.....	1,876	5,754	1,548	3,120	4,189	10,447	10,968	27,342	230	31	1,151	5,653

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF HOUSEFURNISHINGS, N.E.C., SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Housefurnishings, N.E.C., Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of quantity	1958		1954	
			Total production (quantity)	Total shipments including interplant transfers	Total shipments including interplant transfers	Value (\$1,000)
				Quantity	Quantity	Value (\$1,000)
2392---	Housefurnishing N.E.C. except knit.....	.....	xxx	xxx	xxx	739,365
23921--	Bedsprings and bed sets:					
	Made in cotton weaving mills.....	Thousand.....	17,088	16,995	(NA)	119,230
	Made in other industries.....	do.....	(NA)	(NA)	(NA)	70,075
	Total, all industries.....	do.....	(NA)	(NA)	(NA)	89,305
2392121	Tufted.....	do.....	(NA)	213,835	12,799	48,530
	Jacquard-woven:					
2392151	Cotton.....	do.....	7,717	7,352	4,263	25,806
2392159	Other, quantity reported.....	do.....	210	207	323	2,757
	Other, quantity not reported.....	do.....	xxx	xxx	xxx	699
	Other than Jacquard-woven or Tufted:					
2392171	Cotton.....	Thousand.....	3,407	3,245	2,179	9,195
2392179	Other.....	do.....	(NA)	(NA)	480	2,318
2392100	Bedsprings and bed sets, not specified by kind.....	.....	xxx	xxx	...	...
23922--	Sheets and Pillow Cases:					
	Made in cotton weaving mills.....	.....	xxx	xxx	xxx	109,952
	Made in other industries.....	.....	xxx	xxx	xxx	104,322
	Total all industries.....	.....	xxx	xxx	xxx	214,274
	Sheets:					
	Cotton:					
2392212	Crib size.....	Thousand dozens.....	364	3623	34,830	(4)
	Other size:					
2392214	Fitted.....	do.....	32,524	31,979	343,234	
2392216	Not fitted.....	do.....	37,431	36,859	3134,977	
	Man-made fibers:					
2392221	Crib size.....	do.....	(3)	(3)	(3)	166,875
	Other size:	do.....				
2392223	Fitted.....	do.....				
2392225	Not fitted.....	do.....				
	Pillow Cases:					
2392253	Cotton.....	do.....	310,386	39,723	348,077	46,533
	Man-made fibers.....	do.....				
2392200	Sheets and Pillow Cases not specified by kind.....	.....	xxx	xxx	1,840	866
23923--	Towels and wash cloths, woven.....	.....	xxx	xxx	177,103	147,717
2392311	Terry-woven.....	Thousand dozens.....	23,737	23,137	109,958	92,504
2392321	Plain and twill-woven, including dish towels (roll goods converted at 10 yards per dozen).....	do.....	6,329	6,483	14,067	8,363
2392331	Wash cloths.....	do.....	11,456	11,136	19,177	18,568
2392353	Towels and wash cloths not specified by kind.....	do.....	xxx	xxx	23,964	23,679
2392300					xxx	54,403
23924--	Other house furnishings.....	.....	xxx	xxx	317,080	271,674
	Shower bath curtains:					
2392411	Plastic (unsupported film):					
	Quantity reported.....	Thousand.....	5,495	5,404	11,225	3,879
	Quantity not reported.....	do.....	xxx	xxx	1,561	3,771
2392415	Other including coated fabrics.....	Thousand.....	(NA)	(NA)	2,890	1,214
2392423	Comforters and wadded quilts.....	do.....	3,654	3,568	19,837	3,411
	Quilted products except comforters and wadded quilts:					
2392431	Mattress protectors.....	do.....	7,285	7,344	18,151	5,335
2392438	Other including baby pads.....	do.....	xxx	xxx	13,697	10,511
	Tablecloths, napkins, and related textile articles, except lace:					
2392441	Tablecloths:					
	Quantity reported.....	Thousand.....	(NA)	(NA)	9,794	5,819
	Quantity not reported.....	do.....	...	...	...	xxx
2392445	Napkins:					
	Quantity reported.....	Thousand dozens.....	2,748	2,908	4,683	2,146
	Quantity not reported.....	do.....	xxx	xxx	1,260	xxx
2392449	Other table and dresser covers and scarfs, table doilies, and mats, troy cloths, table sets, (luncheon, bridge and related articles).....	.....	xxx	xxx	9,118	xxx
	Pillows:					
2392451	Bed pillows, excluding foam rubber pillows.....	Thousand.....	7,634	7,589	19,444	4,949
2392455	Foam rubber pillows and cushions made from purchased rubber.....	do.....	(NA)	(NA)	11,105	(NA)
2392459	Fancy pillows and cushions, excluding foam rubber.....	do.....	(NA)	(NA)	13,150	17,550

See footnotes at end of table.

Table 3.—QUANTITY AND VALUE OF HOUSEFURNISHINGS, N.E.C., SHIPPED BY ALL PRODUCERS IN THE UNITED STATES 1958 AND 1954

Product code	Product	Unit of quantity	1958			1954	
			Total production (quantity)	Total shipments including interplant transfers		Total shipments including interplant transfers	
				Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
	Housefurnishings, N.E.C. except knit--Continued						
	Other house furnishings--Continued						
	Slip covers, except embroidered:						
	Furniture:						
2392462	Made from unsupported film (plastic).....	Thousand.....	2,275	2,190	6,197	5,384	32,743
2392464	Made from other material (Cotton, rayon, etc.).....	do.....	4,588	4,420	31,912		
2392465	Mattress.....	do.....	3,234	3,020	6,882	2,324	4,647
2392469	Other.....	do.....	xxx	xxx	7,308	xxx	4,384
	Mops and Dusters:						
2392471	Dry mops and dusters, quantity reported.....	Thousand.....	10,929	10,730	10,668	15,063	11,227
	Dry mops and dusters, quantity not reported.....	do.....	xxx	xxx	3,014	xxx	1,429
2392473	Wet mops, quantity reported.....	Thousand.....	27,319	25,270	14,892	25,852	13,992
	Wet mops, quantity not reported.....	do.....	xxx	xxx	1,441	xxx	1,996
2392475	Sponge mops, quantity reported.....	Thousand.....	7,356	7,849	8,996	6,025	6,894
	Sponge mops, quantity not reported.....	do.....	xxx	xxx	xxx	xxx	837
2392481	Laundry and wardrobe bags, quantity reported.....	Thousand.....	6,070	5,121	6,796	6,412	8,505
2392498	Laundry and wardrobe bags, quantity not reported.....	do.....	xxx	xxx	3,514	xxx	1,637
2392400	All other house furnishings, except embroidered.....	do.....	xxx	xxx	36,316	xxx	43,754
	Other house furnishings, not specified by kind.....	do.....	xxx	xxx	43,229	xxx	24,495
2392000	House furnishings, N.E.C., not specified by kind.....	do.....	xxx	xxx	42,054	xxx	16,395

NA Not available.

xxx Not applicable.

<sup>1</sup>Data for 1958 are for cotton bedspreads and bed sets, except tufted. Data for 1954 are for all bed sets and bedspreads.<sup>2</sup>1958 data for tufted bedspreads are from the Current Industrial Reports, Series M22L.<sup>3</sup>Man-made fiber sheets and pillow cases are combined with the comparable cotton product in order to avoid disclosing information for individual companies.<sup>4</sup>The total quantity of sheets shipped in 1954 is not available. However manufactures with shipments valued at \$159,582 thousand shipped 8334 thousand dozen.<sup>5</sup>Includes \$3166 thousand reported as other towels.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.













# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-24A-1

### LOGGING CAMPS AND LOGGING CONTRACTORS

(Industry Code 2411--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, value added by Logging Camps and Logging Contractors amounted to \$382 million, a decrease of 3 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 6 percent from 1954 to 1958 to a total of 70.9 thousand employees in 1958. Value added is derived by subtracting the cost of materials,

fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR LOGGING CAMPS AND LOGGING CONTRACTORS IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2411)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
<b>All employees:</b>				
Number.....	Thousands.....	70.9	75.5	-6
Payroll.....	Million dollars...	225.5	210.6	+7
<b>Production workers:</b>				
Number.....	Thousands.....	61.8	68.2	-9
Man-hours.....	Millions.....	(7)	115.6	(NA)
Wages.....	Million dollars...	193.6	182.3	+6
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	385.6	389.9	-1
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	382.3	392.8	-3
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	475.4	380.2	+25
Value of shipments <sup>5</sup> .....	do.....	860.9	774.3	+11
Capital expenditures, new.....	do.....	67.7	48.6	+39
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	551	549	+0.4

NA Not available.

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

<sup>7</sup>Production work in man-hours for 1958 not available for inclusion in this report. Man-hour detail will be included in the final reports for this industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

Logging Camps and Logging Contractors include establishments engaged primarily in cutting timber and in producing logs, bolts, crotches, burls, stumps, pulpwood, poles, posts, hewn ties, mine timbers, forest-cut fuel wood, wood for chemical distillation, hewn or rough shaped lasts, shuttles, and similar blocks or blanks, and other rough, round, hewn, or riven primary forest or wood raw materials. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Logging Camps and Logging Contractors consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries) and miscellaneous receipts for resale of products, etc. The total value of shipments and other receipts of establishments classified as Logging Camps and Logging Contractors amounted to \$861 million. Of this total, \$766 million were products primary to the industry, \$54 million were products primary to other industries, and \$41 million were

receipts for miscellaneous activities. The industry shipments of primary products represented 93 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3 indicates that \$832 million of logging products were shipped by all producers of these products. Of this total, \$766 million, or 92 percent, were shipped by plants classified in Industry 2411, Logging Camps and Logging Contractors while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities. This fact should be taken into account in comparing industry statistics (tables 1 and 2) with statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR LOGGING CAMPS AND LOGGING CONTRACTORS (S.I.C. CODE 2411) BY REGIONS AND STATES: 1958 AND 1954

3

Region and State <sup>2</sup>	1958								1954	
	All employees		Production workers <sup>1</sup>		Value added by manufacture		Value of shipments <sup>3</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>4</sup>	Value added by manufacture, unadjusted <sup>5</sup>
	Number	Payroll (\$1,000)	Number	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>4</sup> (\$1,000)				
United States, total.....	70,317	2,543,7	44,822	1,404,4	2,543,7	2,543,7	2,543,7	67,799	1,111	309,928
New England.....	4,127	19,131	2,433	10,124	47,611	47,611	71,170	4,233	3,311	30,427
Maine.....	4,727	14,630	4,097	12,424	18,210	18,210	18,210	4,333	2,987	23,415
New Hampshire.....	923	2,947	787	2,433	4,737	4,737	1,211	1,211	1,211	5,067
Vermont.....	329	799	289	711	1,124	1,124	2,411	1,211	1,211	1,691
Middle Atlantic.....	1,463	3,394	1,163	3,366	7,465	7,465	14,822	1,211	1,211	7,467
New York.....	683	2,273	588	1,909	4,011	4,011	4,011	1,211	1,211	2,218
Pennsylvania.....	709	1,479	626	1,319	3,772	3,772	6,503	1,211	1,211	2,219
East North Central.....	3,017	6,297	2,698	5,594	13,011	13,011	11,949	1,211	1,211	13,011
Michigan.....	1,634	3,231	1,448	2,902	6,009	6,009	10,659	1,211	1,211	2,424
Wisconsin.....	1,098	2,544	992	2,223	3,043	3,043	8,962	1,211	1,211	4,175
West North Central.....	1,974	4,985	1,717	4,264	9,831	9,793	18,764	1,211	1,211	7,777
Minnesota.....	1,708	4,441	1,434	3,779	7,555	7,554	15,583	1,211	1,211	7,107
South Atlantic.....	17,388	31,744	14,936	26,911	52,603	52,316	109,613	11,211	94	45,534
Maryland.....	296	567	265	507	1,166	1,154	1,996	1,211	2	671
Virginia.....	1,782	3,242	1,544	2,807	5,811	5,819	10,624	1,211	1,211	3,819
West Virginia.....	787	1,312	682	1,133	2,065	2,056	4,341	1,211	6	1,920
North Carolina.....	3,493	5,979	3,024	4,963	9,311	9,118	11,321	1,211	23	6,694
South Carolina.....	3,269	5,275	2,775	4,253	8,371	8,153	15,546	1,211	7	6,697
Georgia.....	4,775	8,504	4,079	7,313	15,119	15,139	34,131	1,211	16	17,331
Florida.....	4,816	6,540	4,416	5,650	9,975	10,146	20,465	1,211	15	11,008
East South Central.....	6,531	10,943	5,784	9,599	17,207	16,840	39,213	4,983	31	14,960
Kentucky.....	335	640	330	549	1,064	1,083	2,474	279	2	624
Tennessee.....	485	819	427	702	1,254	1,275	3,092	527	1	943
Alabama.....	3,967	6,251	3,484	5,542	9,878	9,548	21,490	1,515	19	3,137
Mississippi.....	1,794	3,233	1,543	2,797	5,011	4,934	12,167	1,666	9	2,515
West South Central.....	5,673	10,034	4,934	8,645	18,977	19,837	43,417	3,511	43	19,117
Louisiana.....	2,184	3,729	1,863	3,143	8,225	9,306	19,049	1,377	16	7,348
Texas.....	1,131	2,331	1,000	1,834	3,642	3,592	9,471	728	7	5,737
Mountain.....	4,030	16,786	3,497	15,910	38,369	26,491	38,444	4,157	40	26,491
Montana.....	993	4,341	842	3,540	7,070	6,398	15,743	1,394	12	1,085
Colorado.....	166	574	147	494	739	736	1,707	1,211	...	161
Pacific.....	24,486	119,616	20,557	103,210	213,492	216,500	479,236	3,411	256	29,050
Washington.....	7,852	36,430	6,877	30,685	62,057	62,478	161,746	6,732	60	9,116
Oregon.....	1,111	5,006	9,953	48,024	99,599	101,078	108,848	16,039	132	14,021
California.....	5,482	28,178	4,827	24,536	51,836	52,944	108,642	7,911	64	5,911

<sup>1</sup>See footnote 7, for special 10-hour detail.<sup>2</sup>East includes Alaska and Hawaii. Figures for Alaska and Hawaii are not shown separately. Figures for Alaska and Hawaii are included in the figures for the States of Alaska and Hawaii.<sup>3</sup>Value of products shipped long haul in the case of pulp, paper, and other products, including those shipped by contract logging.<sup>4</sup>Adjusted value added by manufacture in the case of pulp, paper, and other products, including those shipped by contract logging. The adjusted value added by manufacture is calculated by adding to the value added by manufacture the value of products shipped long haul in the case of pulp, paper, and other products, including those shipped by contract logging.<sup>5</sup>For explanation see text under "Value of shipments."<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures in this table are for the manufacturing industry, including those with less than 20 employees, classified in the industry.

Table 3.—QUANTITY AND VALUE OF PRODUCTS SHIPPED BY ALL MANUFACTURING ESTABLISHMENTS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified as Logging Camps and Logging Contractors but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	Unit of measure	Total production			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2411--	Logging camps and logging contractors, total.....		xxx	831,975	xxx	795,372
2411011	Logs and bolts.....	Tousand ft. (for				
2411031	Pulpwood (originally scaled in cords).....	Std. Cds. of 125	7,761,315	329,797	8,164,709	389,880
		cubic ft. rough				
2411095	Other wood products (include poles, piling, beam cross-ties, beam	wood bldg.....	(NA)	1,000,000	6,457,987	112,455
	or round mine ties, etc.).....		xxx	30,840	xxx	3,117
2411011	Receipts for contract logging of timber owned by others.....		xxx	250,487	xxx	204,507
2411000	Logs, bolts, pulpwood, etc., not specified by kind.....		xxx	88,554	xxx	96,253

NA Not available. xxx Not applicable.

USCMM-DC

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-24A-2

### SHINGLE MILLS

(Industry Code 2423—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Shingle Mills shipped products valued at \$40 million, an increase of 13 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 8 percent from 1954 to 1958 to a total of 2.7 thousand employees in 1958. Value added by manufacture in the industry amounted to \$17 million in 1958, an increase of 6 percent from 1954 when the previous census was taken.

Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR SHINGLE MILLS IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2423)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	2.7	2.4	+8
Payroll.....	Million dollars...	10.8	9.4	+15
Production workers:				
Number.....	Thousands.....	2.4	2.3	+4
Man-hours.....	Millions.....	3.4	3.2	+6
Wages.....	Million dollars...	9.2	8.0	+15
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	16.8	15.5	+8
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	17.2	16.3	+6
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	23.1	19.9	+16
Value of shipments <sup>5</sup> .....	..do.....	40.5	35.7	+13
Capital expenditures, new <sup>6</sup> .....	..do.....	0.9	1.0	-10
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	4	33	+21

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U. S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

Shingle Mills include establishments engaged primarily in the manufacture of shingles and shakes. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as shingle mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified as Shingle Mills amounted to \$41 million. Of this total, \$34 million were products primary to the industry, \$3 million were products primary to other industries, and \$4 million were receipts for miscellaneous activities. The industry shipments of primary products represented 91 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 97 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped

by all producers. The latter figure, appearing in table 3, indicates that \$37 million of shingles and shakes were shipped by all producers of these products. Of this total, \$34 million, or 90 percent, were shipped by plants classified in Industry 2423, Shingle Mills, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR SHINGLE MILLS (S.I.C. CODE 2423) BY REGION AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup>	Adjusted <sup>3</sup>					
United States, total.....	2,734	1,114	2,441	3,378	9,155	16,847	17,246	4,548	872	4	2,031	14,441
Pacific.....	2,558	1,114	2,294	3,188	8,731	15,599	15,941	3,194	794	3	2,367	14,443
Washington.....	1,823	716	1,636	2,248	6,403	1,832	11,283	2,719	41	2	1,831	11,711
Oregon.....	674	277	612	96	2,514	4,349	4,279	8,681	177	1	488	2,732

<sup>1</sup>Each producing State not shown separately in the above table was situated either in the Pacific Northwest or in the South. The figures for the Pacific Northwest will appear in the first business report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, applied, fuel, electricity, and other work.

<sup>3</sup>Adjusted value added by manufacture is the sum of the unadjusted value added, plus (1) the difference resulting from the process of manufacturing products without further manufacture, processing, or assembly, plus (2) the net change in finished products on work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments, including those with less than 20 employees classified in the industry.

Table 3.—QUANTITY AND VALUE OF SHINGLES AND SHAKES SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified as Shingle Mills but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	1958			1954		
		Total production (1,000 squares) <sup>1</sup>	Total shipments including interplant transfers		Total production (1,000 squares)	Total shipments including interplant transfers	
			Quantity (1,000 squares) <sup>1</sup>	Value (\$1,000)		Quantity (1,000 squares)	Value (\$1,000)
2423--	Shingle mills, total.....	(NA)	(NA)	37,761	(NA)	(NA)	37,822
2423001	Red cedar shingles and shakes.....	3,249	3,227	37,579	3,836	3,868	33,999
2423002	Shingles.....	2,227	2,16	(NA)	2,372	2,388	17,988
2423003	Shakes, total.....	1,182	1,211	(NA)	1,464	1,48	16,11
2423004	Produced from logs and bolts.....	53	556	(NA)	526	6	4,91
2423005	Processed from purchased shingles.....	652	655	(NA)	938	924	11,11
2423098	Other shingles and shakes.....	(NA)	(NA)	565	79	80	777
2423000	Shingles and shakes, not specified by kind.....	xxx	xxx	1,217	xxx	xxx	1,26

NA Not available.

xxx Not applicable.

<sup>1</sup>1958 quantities from Facts for Industry Series M24C-08, "Red Cedar Shingles."





# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-24A-3

### EXCELSIOR MILLS

(Industry Code 2425—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in Excelsior Mills shipped products value at \$13 million, an increase of 8 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 14 percent from 1954 to 1958 to a total of 1.2 thousand employees in 1958. Value added by manufacture in the industry amounted to \$7 million in 1958 and 1954 when the previous census was taken. Value added is derived by subtracting

the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR EXCELSIOR MILLS IN THE UNITED STATES: 1958 and 1954  
(Standard Industrial Classification Code 2425)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	1.2	1.4	-14
Payroll.....	Million dollars...	4.0	4.2	-5
Production workers:				
Number.....	Thousands.....	1.1	1.3	-15
Man-hours.....	Millions.....	2.2	2.5	-12
Wages.....	Million dollars...	3.4	3.5	-3
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	6.9	6.9	...
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	7.0	7.0	...
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	6.4	5.4	+18
Value of shipments <sup>5</sup> .....	..do.....	13.4	12.4	+8
Capital expenditures, new.....	..do.....	0.4	(NA)	(NA)
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	21	20	+5

NA Not available.

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U. S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

Excelsior Mills include establishments engaged primarily in the manufacture of excelsior baled and bulk and excelsior pads and wrappers. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Excelsior Mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishment classified as Excelsior Mills amounted to \$13 million. Of this total, \$12 million were products primary to the industry, \$1 million were products primary to other industries. The industry shipments of primary products represented 86 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 96 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped

by all producers. The latter figure, appearing in table 3, indicates that \$13 million of Excelsior products were shipped by all producers of these products. Of this total, \$12 million, or 92 percent, were shipped by plants classified in Industry 2425, Excelsior Mills, while the remainder was shipped by plants classified in other industries.

### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR EXCELSIOR MILLS (S.I.C. CODE 2425) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958									1954		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	1,236	3,954	1,117	2,222	3,434	6,871	6,970	13,430	447	...	1,424	6,928

<sup>1</sup>Employees and payroll shown for total United States were unadjusted, whereas all totals in following figures are in thousands of dollars. In this or succeeding industries or areas, or in the entire industry, any of which only minor economic importance in the United States, statistical information will appear in the following reports on the industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electrical, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of unadjusted value added, plus b the difference resulting from the purchase and sale of products without further processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the title are based on reports for 1954 establishments including those with less than 20 employees classified in the industry.

Table 3.—QUANTITY AND VALUE OF EXCELSIOR PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified as Excelsior Mills but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)
2425--	Excelsior mill products.....	XXX	1,160	XXX	11,139
242501	Shipments of excelsior, bale, bulk.....	(NA)	1,160	XXX	11,139
242502	Other excelsior products including bales and wraps.....	XXX	1,160	XXX	11,139
242503	Excelsior products, not specified by kind.....	XXX	1,160	XXX	11,139

NA = not available.

XXX = not applicable.

<sup>1</sup>Largely accounted for by small establishments which were not requested to report a breakdown of their total shipment by product.

**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-24A-4

### COOPERAGE STOCK MILLS

(Industry Code 2424--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Cooperage Stock Mills shipped products valued at \$32 million, an increase of 18 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 15 percent from 1954 to 1958 to a total of 2.9 thousand employees in 1958. Value added by manufacture in the industry amounted to \$10 million in 1958, an increase of 1 percent from 1954 when the previous

census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR COOPERAGE STOCK MILLS IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2424)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	2.9	4	-15
Payroll.....	Million dollars...	6.6	6.9	+2
Production workers:				
Number.....	Thousands.....	2.7	3.2	-16
Man-hours.....	Millions.....	4.2	5.6	-25
Wages.....	Million dollars...	5.6	5.8	-3
Value added by manufacture, unadjusted <sup>2</sup> .....	...do.....	12.4	10.8	+15
Value added by manufacture, adjusted <sup>3</sup> .....	...do.....	10.4	10.3	+1
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	...do.....	19.0	15.9	+20
Value of shipments <sup>5</sup> .....	...do.....	31.5	26.7	+18
Capital expenditures, new.....	...do.....	0.3	(NA)	(NA)
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	44	55	-20

NA Not available.

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

Cooperage Stock Mills include establishments engaged primarily in the manufacture of Cooperage Stock, including staves, heading, and hoops for tight or slack cooperage, whether produced by sawing or splitting. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Cooperage Stock Mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified as Cooperage Stock Mills amounted to \$32 million. Of this total, \$30 million were products primary to the industry, \$1 million were products primary to other industries, and \$1 million were receipts for miscellaneous activities. The industry shipments of primary products represented 93 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 96 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$31 million of Cooperage Stock were shipped by all producers of these products. Of this total, \$30 million, or 96 percent, were shipped by plants classified in Industry 2424, Cooperage Stock Mills, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the Industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1954 CENSUS OF MANUFACTURES

Table 2.--GENERAL STATISTICS FOR COOPERAGE STOCK MILLS (S.I.C. CODE 2424), UNITED STATES: 1953 AND 1954

Region and State <sup>1</sup>	1953									1954		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	2,947	6,605	2,092	4,223	5,624	12,444	10,415	31,518	292	---	1,000	1,000
North Central.....	887	1,899	711	1,123	1,404	3,600	4,011	8,201	174	---	2,000	2,000
South.....	2,109	4,554	1,859	2,977	3,942	8,552	6,287	22,307	118	91	2,000	2,000
Tennessee.....	223	611	254	380	521	1,827	2,000	4,250	(E)	---	---	---

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Each producing State not shown separately in the above table was shown separately in the 1953 report. The 1954 report for the United States includes the 1953 report for the United States and the 1954 report for the United States.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase of materials and supplies without further manufacture, processing, or assembly, plus (c) the net change in finished products worked for by the establishment during the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports received from establishments including those with less than 20 employees, classified in the industry.

Table 3.—QUANTITY AND VALUE OF COOPERAGE STOCK SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1953 AND 1954

(Includes quantity and value of these products reported not only by establishments classified as Cooperage Stock Mills but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	1953			1954		
			Total production (quantity)	Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2424---	Cooperage stock, total.....	.....	xxx	xxx	1,100	xxx	xxx	26,920
2424011	Slack cooperage stock:							
	Staves:							
	Quantity reported.....	Thousand staves...	95,421	101,222	6,812	{	xxx	1,000
	Quantity not reported.....	Thousand staves...						
2424021	Heading:							
	Quantity reported.....	Thousand sets.....	10,109	9,840	1,700	{	xxx	1,000
	Quantity not reported.....	Thousand sets.....						
2424051	Tight cooperage stock:							
2424071	Staves.....	Thousand staves...	(NA)	(NA)	14,969	xxx	90,816	12,790
	Heading:							
	Quantity reported.....	Thousand sets.....	(NA)	(NA)	9,000	{	xxx	1,118
	Quantity not reported.....	Thousand sets.....						
2424000	Cooperage stock, not specified by kind.....	.....	xxx	xxx	6,148	xxx	xxx	10,000

NA Not available.

xxx Not applicable.

<sup>1</sup>Includes \$206,000 reported separately for hoops in 1954.

U. S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

Postage and Fees Paid  
U. S. Department of Commerce



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-24A-5

### VENEER MILLS

(Industry Code 2422--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in Veneer mills shipped products valued at \$170 million, an increase of 37 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 2 percent from 1954 to 1958 to a total of 13.0 thousand employees in 1958. Value added by manufacture in the industry amounted to \$80 million in 1958, an increase of 35 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR VENEER MILLS IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2422)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	13.0	12.8	+2
Payroll.....	Million dollars...	44.2	35.5	+24
Production workers:				
Number.....	Thousands.....	11.8	11.8	...
Man-hours.....	Millions.....	23.7	23.3	+2
Wages.....	Million dollars...	36.7	28.5	+29
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	80.1	59.3	+35
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	79.8	59.1	+35
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	94.1	64.1	+47
Value of shipments <sup>5</sup> .....	..do.....	169.7	123.7	+37
Capital expenditures, new.....	..do.....	4.5	3.1	+45
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	205	212	-3

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

Veneer Mills include establishments engaged primarily in producing commercial veneer, either face or technical. Establishments primarily engaged in the production of veneer which is used in the same establishment for the manufacture of end products such as plywood are classified in Industry 2432, fruit and vegetable baskets in Industry 2441, wood boxes in Industry 2444, and cigar boxes in Industry 2443. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Veneer Mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified as Veneer Mills amounted to \$170 million. Of this total, \$150 million were products primary to the industry, \$9 million were products primary to other industries, and \$11 million were receipts for miscellaneous activities. The industry shipments of primary products represented 94 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 93 percent.

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$175 million of veneer were shipped by all producers of these products. Of this total, \$150 million, or 86 percent, were shipped by plants classified in Industry 2422, Veneer Mills, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1956 CENSUS OF MANUFACTURES

Table 2.--GENERAL STATISTICS FOR VENEER MILLS (S.I.C. CODE 2422) BY REGION AND STATE

Region and State <sup>1</sup>	1956									1954		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Ages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	13,047	44,201	11,027	25,009	56,742	6,128	7,790	169,776	7,462	12,025	58,254	
Northeast.....	491	1,648	455	991	1,484	1,028	1,770	1,200	22	436	2,367	
New York.....	301	777	277	624	671	1,490	1,445	1,000	96	250	1,000	
East North Central.....	2,355	9,500	2,036	4,563	7,077	17,324	17,206	34,500	603	2,269	14,300	
Indiana.....	1,265	5,644	1,055	2,495	3,929	1,449	1,365	21,750	526	1,226	5,511	
West North Central.....	242	663	223	456	561	41	41	1,831	7	126	612	
South Atlantic.....	4,210	11,539	3,823	7,667	9,566	18,301	16,142	34,926	697	4,920	16,551	
Virginia.....	877	2,738	792	1,668	2,168	4,174	3,994	8,280	117	741	3,675	
North Carolina.....	1,566	4,138	1,444	2,898	3,474	6,917	6,996	13,195	29	2,163	7,011	
South Carolina.....	447	1,019	412	799	566	1,432	1,425	2,740	62	644	1,500	
Georgia.....	707	1,820	667	1,294	1,535	2,844	2,850	5,041	39	758	2,450	
East South Central.....	1,654	4,277	1,547	3,003	3,645	6,040	5,694	12,724	106	2,467	8,143	
Tennessee.....	301	833	271	542	687	1,061	1,007	1,795	44	323	1,201	
Alabama.....	703	1,772	737	1,405	1,587	2,311	2,287	4,923	103	823	2,250	
Mississippi.....	391	983	364	742	879	1,327	1,327	2,758	40	732	2,287	
West South Central.....	715	1,658	669	1,244	1,374	2,165	2,171	4,276	114	815	2,256	
Louisiana.....	443	975	418	761	819	1,285	1,302	2,519	85	362	1,136	
West.....	3,343	14,916	3,007	5,772	13,035	33,439	33,846	75,708	2,580	51	1,789	15,323
Oregon.....	2,268	10,114	2,040	3,537	8,770	21,496	21,199	52,540	1,827	31	912	8,281
California.....	652	3,004	585	1,236	2,711	9,166	9,693	16,313	164	10	517	4,329

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in the case of associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

Table 3.--QUANTITY AND VALUE OF VENEER SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 and 1954

Includes quantity and value of these products reported not only by establishments classified as Veneer Mills but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments."

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2422----	Veneer mills, total <sup>1</sup> .....	.....	xxx	174,832	xxx	124,139
24221--	Hardwood veneer.....	.....	xxx	88,750	xxx	79,769
2422111	Special and face types.....	Thousand sq. ft.	1,196,723	45,938	1,237,476	39,966
2422131	Commercial and utility types.....	.....	1,412,904	30,187	1,342,916	25,646
2422151	Container type.....	.....	578,456	8,480	1,021,389	11,531
2422171	Flat type.....	.....	16,091	1,084	26,948	303
2422100	Hardwood veneer, not specified by kind.....	.....	xxx	3,061	(NA)	2,023
24222--	Softwood veneer.....	.....	xxx	84,445	xxx	41,212
2422211	Plywood veneer.....	Thousand sq. ft.	859,415	79,246	378,685	35,616
2422231	Container veneer.....	.....	35,201	2,509	55,343	5,296
2422200	Softwood veneer, not specified by kind.....	.....	xxx	2,690	(NA)	300
2422000	Veneer, not specified by kind.....	.....	1,467	1,637	xxx	3,158

NA Not available.

xxx Not applicable.

<sup>1</sup>Other detailed commodity data relating to the veneer industry are included in Facts for Industry Series M24H-08, "Softwood and Veneer" 1958.

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-24A-6

### SAWMILLS AND PLANING MILLS

(Industry Code 2421—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in Sawmills and Planing Mills shipped products valued at \$3,205 million, a decrease of 8 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 15 percent from 1954 to 1958 to a total of 273.5 thousand employees in 1958. Value added by manufacture in the industry amounted to \$1,296 million in 1958, a decrease of 15 percent from 1954 when the previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as

materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

The Sawmills and Planing Mills include establishments engaged primarily in sawing rough lumber and timber from logs and bolts, or resawing cants, flitches, or lumber into smaller dimensions; planing mills combined with sawmills; and separately operated planing mills which are engaged primarily in producing surfaced lumber and standard workings or patterns of lumber.

Table 1.—GENERAL STATISTICS FOR SAWMILLS AND PLANING MILLS IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2421)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	273.5	321.2	-15
Payroll.....	Million dollars...	850.2	906.8	-6
Production workers:				
Number.....	Thousands.....	237.6	296.1	-20
Man-hours.....	Millions.....	461.9	558.4	-17
Wages.....	Million dollars...	714.2	781.8	-9
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	1,287.2	1,502.9	-14
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	1,296.0	1,517.8	-15
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	1,899.4	1,958.8	-3
Value of shipments <sup>5</sup> .....	..do.....	3,205.4	3,483.5	-8
Capital expenditures, new.....	..do.....	137.8	115.5	+19
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	2,713	3,180	-15

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of Shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

This industry includes establishments primarily engaged in sawing lath, railroad ties, and box shooks from logs or bolts. Establishments primarily engaged in manufacturing box shooks or boxes from purchased lumber are classified in Industry 2444. Logging camps combined with sawmills, when not separately reported, are included in this industry. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Sawmills and Planing Mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified as Sawmills and Planing Mills amounted to \$3,205 million. Of this total, \$2,958 million were products primary to the industry, \$120 million were products primary to other industries, and \$127 million were receipts for miscellaneous activities. The industry shipments of primary products represented 96 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 97 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, indicates that \$3,039 million, of Sawmills and Planing Mills products were shipped by all producers of these products. Of this total, \$2,958 million, or 97 percent, were shipped by plants classified in Industry 2421, Sawmills and Planing Mills, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

The lumber industry statistics shown in this report relate only to those establishments within the general scope of the manufactures census, i.e., those with one or more paid employees. A report on lumber production reported by the mills in this release as well as those not having regular paid employees will be issued later in Current Industrial Reports MA-24T as well as in the final Census Bulletin MC-24A "Lumber and Basic Timber Products."

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

Table 1.—GENERAL STATISTICS FOR SAWMILL AND PLANING MILL (C.I.C. CODE 242) BY REGION AND STATE: 1958

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>3</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	273,496	850,167	237,609	461,879	714,187	1,287,184	1,295,981	3,209,384	137,799	2,713	331,199	1,502,911
New England.....	6,108	17,636	5,195	11,718	14,520	26,449	35,910	63,662	3,090	74	9,094	31,792
Maine.....	2,316	6,907	2,154	4,744	5,716	10,017	19,191	25,467	1,585	37	4,293	15,110
New Hampshire.....	1,205	3,612	1,014	2,268	2,896	4,982	5,066	14,096	534	11	1,816	4,853
Vermont.....	1,599	4,569	1,316	3,001	3,797	7,158	7,201	16,578	607	21	1,930	7,560
Middle Atlantic.....	9,390	28,456	7,959	16,229	23,222	46,211	47,269	103,228	5,008	97	10,939	41,740
New York.....	3,882	13,612	3,268	7,136	11,053	22,927	23,429	54,188	2,143	51	3,901	17,113
New Jersey.....	481	1,871	375	756	1,248	2,648	2,893	5,857	223	2	831	3,758
Pennsylvania.....	5,027	12,973	4,316	8,337	10,921	20,636	20,947	43,183	2,642	44	6,207	20,867
East North Central.....	10,912	32,309	9,307	18,936	25,801	50,087	51,409	110,887	5,554	110	13,005	52,709
Ohio.....	2,012	6,259	1,730	3,666	5,064	10,254	10,662	23,020	1,774	14	2,490	9,967
Indiana.....	1,670	4,438	1,412	2,898	3,599	5,726	6,243	14,214	677	22	1,780	6,326
Illinois.....	1,241	3,040	1,069	1,944	2,546	5,017	5,066	11,100	617	13	1,237	4,405
Michigan.....	3,164	9,831	2,705	5,506	7,864	16,042	15,873	34,643	1,413	37	4,051	17,899
Wisconsin.....	2,825	8,741	2,391	4,922	6,728	13,048	13,565	27,910	1,073	24	3,446	13,110
West North Central.....	5,049	13,241	4,362	8,401	10,940	20,060	20,514	46,813	2,404	52	4,554	19,027
Iowa.....	377	1,017	327	710	855	1,687	1,740	3,843	187	3	332	1,273
Missouri.....	2,665	6,492	2,296	4,190	5,379	10,474	10,320	24,230	1,210	31	2,294	10,379
South Atlantic.....	65,184	130,300	56,033	97,785	107,704	172,172	174,921	539,878	25,315	761	80,298	236,372
Maryland.....	2,123	5,394	1,808	3,702	4,234	7,029	7,358	21,289	677	27	2,339	8,541
Virginia.....	13,573	26,321	11,501	20,050	21,676	38,662	39,247	106,719	5,200	132	15,361	45,567
West Virginia.....	5,023	13,432	4,331	8,240	9,560	16,201	16,812	33,612	1,603	48	5,834	17,304
North Carolina.....	17,729	32,961	15,167	24,739	27,048	52,009	50,239	142,590	6,960	188	19,650	58,839
South Carolina.....	8,215	15,725	7,253	12,451	13,587	23,852	23,382	67,061	2,794	104	10,518	28,451
Georgia.....	13,522	26,725	11,565	20,174	21,788	18,554	20,468	124,243	6,482	190	19,368	55,927
Florida.....	4,662	11,116	4,115	7,931	9,290	16,991	18,429	42,212	1,466	66	6,700	20,657
East South Central.....	41,649	87,525	36,769	77,146	73,729	127,622	131,382	333,649	15,101	468	48,012	146,459
Kentucky.....	5,118	10,736	4,393	9,997	8,896	16,475	16,570	41,042	1,834	62	4,586	13,023
Tennessee.....	11,100	24,048	9,783	21,088	20,313	36,967	38,261	92,857	3,473	99	11,791	43,438
Alabama.....	14,955	30,870	13,303	27,312	25,985	45,285	46,729	116,908	4,840	181	19,398	53,046
Mississippi.....	10,476	21,871	9,290	18,789	18,535	28,895	29,822	82,842	4,954	126	12,237	36,951
West South Central.....	39,583	97,055	32,369	62,584	75,253	138,370	138,428	323,434	14,311	300	38,701	132,064
Arkansas.....	15,160	35,086	13,818	25,230	30,075	51,998	52,224	122,412	4,313	111	14,482	48,714
Louisiana.....	10,973	28,704	9,839	19,800	24,476	41,181	40,458	92,128	4,089	105	12,376	42,789
Oklahoma.....	1,281	3,363	1,153	2,409	2,939	4,639	4,626	10,364	311	10	899	3,164
Texas.....	12,169	30,002	7,509	15,145	17,763	40,552	41,120	98,530	5,598	74	10,943	37,395
Mountain.....	18,629	78,330	16,712	33,145	67,520	120,244	117,125	281,993	12,711	171	19,615	124,393
Idaho.....	7,513	33,608	6,868	13,675	29,582	50,136	47,079	123,925	3,327	60	8,616	63,190
Wyoming.....	676	2,560	611	1,216	2,267	3,408	3,382	7,646	459	9	740	3,592
Colorado.....	1,509	4,984	1,344	2,643	4,329	7,105	7,359	17,092	1,781	18	1,746	7,108
New Mexico.....	1,240	4,278	1,101	2,091	3,683	9,779	9,536	19,833	700	20	1,597	7,271
Arizona.....	2,073	8,695	1,860	3,744	7,492	11,106	10,623	29,578	1,035	14	1,880	10,229
Pacific.....	76,992	365,315	68,903	135,935	315,498	585,969	579,023	1,401,840	54,305	680	96,978	717,852
Washington.....	18,577	86,405	16,800	32,377	75,301	134,641	130,587	322,435	9,148	135	21,875	149,409
Oregon.....	31,886	153,641	28,716	55,299	133,121	243,904	248,697	593,890	26,530	279	44,296	326,143
California.....	26,529	125,269	23,387	48,259	107,076	207,424	199,739	485,515	18,627	266	30,806	242,299

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



Table 3.—QUANTITY AND VALUE OF SAWMILLS AND PLANING MILLS PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954  
(includes quantity and value of these products reported not only by establishments classified in Sawmills and Planing Mills Products but also by establishments making these as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2421—	Sawmills and Planing Mills, total.....	.....	xxx	13,038,815	xxx	13,144,248
24211—	Rough lumber and sawed ties.....	.....	xxx	917,505	xxx	991,754
242111	Rough lumber (except railway crossties and mine ties).....	Thousand bd. ft.	13,003,248	841,112	14,468,265	965,643
2421131	Railway crossties (sawed).....	.....	(NA)	12,785	(NA)	23,020
2421151	Mine ties (sawed).....	.....	(NA)	3,939	(NA)	3,091
2421100	Sawmills and planing mills products, not specified by kind.....	.....	xxx	299,669	xxx	(3)
2421211	Dressed lumber (including ceiling, framing, partition, siding, matched, and shiplapped lumber.....	Thousand bd. ft.	19,281,435	1,459,733	21,399,911	1,606,192
24213—	Hardwood flooring.....	.....	xxx	148,932	xxx	176,436
2421311	Oak:	.....	.....	.....	.....	.....
2421315	25/32", 1/2", 3/8" T & G and EM and 5/16" square edge strip	Thousand bd. ft.	837,865	116,585	1,067,651	154,423
2421319	Block, parquetry and plank.....	.....do.....	19,163	4,490	18,416	4,297
2421331	Other oak, including oak faced and/or backed plywood blocks and other oak specialty flooring.....	.....do.....	27,261	7,045	29,053	3,303
2421351	Maple, including strip, block and parquetry.....	.....do.....	41,060	8,705	44,903	8,634
2421351	Other hardwoods.....	.....do.....	88,743	6,875	xxx	5,779
2421300	Hardwood flooring, not specified by kind.....	.....xxx	.....	25,232	xxx	(3)
2421411	Softwood flooring.....	Thousand bd. ft.	303,641	29,412	135,749	30,324
24215—	Hardwood furniture dimension stock (including glued laminates)...	.....	xxx	44,405	xxx	37,171
2421521	Green or dried - rough or surfaced.....	Thousand bd. ft.	134,528	30,878	219,539	37,171
2421551	Semifabricated.....	.....do.....	(NA)	6,243	...	(3)
2421500	Hardwood furniture dimension stock, not specified by kind.....	.....do.....	(NA)	7,284	...	(3)
24216—	Other hardwood dimension stock, excluding structural laminates...	.....	xxx	19,135	xxx	23,116
2421621	Semifabricated industrial parts lumber consumed.....	Thousand bd. ft.	.....	.....	.....	.....
2421651	Other industrial dimension stock (for handles; golf clubs; agricultural implements, railroad car, and vehicle parts; ladder parts; skis; gunstocks; brushes; textile machinery stock, etc.).....	.....do.....	(NA)	2,990	xxx	23,116
2421600	Other hardwood dimension stock, not specified by kind.....	.....	xxx	21,617	xxx	(3)
24217—	Softwood cut stock.....	.....	xxx	54,373	xxx	33,764
2421711	Furniture cut stock.....	Thousand bd. ft.	74,544	12,149	72,688	9,926
2421751	Industrial cut stock.....	.....do.....	288,988	32,628	214,114	23,838
2421700	Softwood cut stock not specified by kind.....	.....	xxx	29,596	xxx	(3)
24218—	Other general sawmill and planing mill products, n.e.c.....	.....	xxx	84,268	xxx	30,501
2421815	Wood chips (one standard unit (200 cu. ft. of gravity packed chips) equals one standard cord).....	.....	xxx	48,692	xxx	25,242
2421829	Other sawmill products including tobacco boghead stock and snow fence lath.....	.....	xxx	22,010	xxx	5,259
2421859	Other planing mill products.....	.....	xxx	6,603	xxx	(3)
2421800	Other general sawmill and planing mill products, not specified by kind.....	.....	xxx	26,963	xxx	(3)
24219—	Custom sawing, kiln drying, planing, etc.....	.....	xxx	64,098	xxx	71,230
2421911	Receipts for contract or custom sawing of logs owned by others	Thousand bd. ft.	1,736,971	38,144	xxx	42,792
2421951	Receipts for contract kiln drying, planing, resawing, or other manufacturing of materials owned by others.....	.....	xxx	18,133	xxx	28,438
2421900	Custom sawing, kiln drying, planing not specified by kind.....	.....	xxx	27,821	xxx	(3)
2421000	Sawmill and planing mill products not specified by kind.....	.....	xxx	182,553	xxx	108,076

NA Not available.

xxx Not applicable.

<sup>1</sup>Includes \$34,401 thousand in 1958 and \$35,684 thousand in 1954 of box shook made from logs or bolts also primary to Industry 2421 and included in product detail table 3 for Industry 2444.

<sup>2</sup>Largely accounted for by small establishments that were asked to report a break down of their total shipments by product class only.

<sup>3</sup>Included in Sawmill and planing mill products, not specified by kind in 1954.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-24B-1

### MILLWORK PLANTS

(Industry Code 2431--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, value added in Millwork Plants, amounted to \$405 million, a decrease of 1 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Value of shipments in this industry amounted \$1,035 million in 1958, an increase of 2 percent over 1954. Average employment in this industry showed a decrease of 11 percent from 1954 to 1958 to a total of 61.3 thousand employees in 1958. Value added is de-

rived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR MILLWORK PLANTS IN THE UNITED STATES: 1958 AND 1954  
Standard Industrial Classification Code 2431

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>2</sup>	Percent change 1954 to 1958
<b>All employees:</b>				
Number.....	Thousands.....	61.3	68.7	-11
Payroll.....	Million dollars..	288.0	287.3	0
<b>Production workers:</b>				
Number.....	Thousands.....	47.7	54.7	-13
Man-hours.....	Millions.....	184.0	185.0	-0.5
Wages.....	Million dollars..	128.0	128.0	0
Value added by manufacture, unadjusted <sup>3</sup> .....	..do.....	374.7	374.7	-1
Value added by manufacture, adjusted <sup>4</sup> .....	..do.....	405.0	405.0	-1
Cost of materials, fuel, electricity, and contract work <sup>5</sup> .....	..do.....	17.0	17.0	0
Value of shipments <sup>6</sup> .....	..do.....	1,034.7	1,011.3	2
Capital expenditures, new.....	..do.....	16.7	12.7	33
Number of establishments with 20 or more employees <sup>7</sup> .....	Number.....	71	70	1

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Those Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventoried between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.



U. S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

Millwork Plants include establishments engaged primarily in the manufacture of wood sash (including storm sash), windows, doors (including combination screen and storm doors), window and door frames, blinds, mantels, panel work, porch work, stairways and similar fabricated millwork. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Millwork Plants consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified as Millwork Plants amounted to \$1,035 million. Of this total, \$822 million were products primary to the industry, \$73 million were products primary to other industries, and \$140 million were receipts for miscellaneous activities. The industry shipments of primary products represented 92 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 90 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$896 million of Millwork Products were shipped by all producers of these products. Of this total, \$822 million, or 92 percent, were shipped by plants classified in Industry 2431 Millwork Plants while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

Table 1.—GENERAL STATISTICS FOR MILLS AND PLANTS (20+ EMPLOYEES) BY REGION AND STATE

Region and State <sup>1</sup>	1958								1957	
	All employees		Production workers		Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	Value added by manufacture, unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup> (\$1,000)	Adjusted <sup>6</sup> (\$1,000)	(\$1,000)	All employees, number	(\$1,000)
United States, total.....	11,038	28,482	7,131	18,443	14,771	37,971	47,334	11,34,810	11,038	28,482
New England.....	1,143	2,847	724	1,806	1,457	3,627	4,581	1,174	1,143	2,847
Massachusetts.....	1,143	2,847	724	1,806	1,457	3,627	4,581	1,174	1,143	2,847
Middle Atlantic.....	1,491	3,643	931	2,317	1,831	4,537	5,722	1,511	1,491	3,643
New York.....	1,491	3,643	931	2,317	1,831	4,537	5,722	1,511	1,491	3,643
New Jersey.....	1,317	3,198	817	2,017	1,584	3,972	5,048	1,317	1,317	3,198
Pennsylvania.....	1,317	3,198	817	2,017	1,584	3,972	5,048	1,317	1,317	3,198
East North Central.....	13,752	34,741	8,531	21,711	17,324	43,499	54,180	13,752	13,752	34,741
Ohio.....	1,787	4,401	1,111	2,781	2,181	5,461	6,881	1,787	1,787	4,401
Indiana.....	1,652	4,091	1,011	2,521	1,981	4,981	6,221	1,652	1,652	4,091
Illinois.....	3,774	9,381	2,311	5,811	4,541	11,441	14,331	3,774	3,774	9,381
Michigan.....	1,777	4,381	1,061	2,641	2,031	5,081	6,331	1,777	1,777	4,381
Wisconsin.....	1,466	3,581	881	2,231	1,731	4,331	5,381	1,466	1,466	3,581
West North Central.....	2,471	6,111	1,511	3,771	2,911	7,231	9,031	2,471	2,471	6,111
Minnesota.....	1,701	4,211	1,011	2,511	1,911	4,831	5,981	1,701	1,701	4,211
Iowa.....	1,011	2,511	611	1,511	1,111	2,831	3,531	1,011	1,011	2,511
Missouri.....	861	2,111	511	1,261	981	2,431	3,031	861	861	2,111
Kansas.....	286	711	181	451	351	881	1,111	286	286	711
South Atlantic.....	1,741	4,341	1,041	2,611	2,011	5,061	6,311	1,741	1,741	4,341
Virginia.....	1,361	3,401	811	2,011	1,511	3,831	4,781	1,361	1,361	3,401
Florida.....	1,651	4,141	1,011	2,511	1,911	4,831	5,981	1,651	1,651	4,141
East South Central.....	3,461	8,511	2,111	5,261	4,011	10,081	12,581	3,461	3,461	8,511
Alabama.....	1,741	4,341	1,041	2,611	2,011	5,061	6,311	1,741	1,741	4,341
Mississippi.....	1,651	4,141	1,011	2,511	1,911	4,831	5,981	1,651	1,651	4,141
West South Central.....	4,611	11,511	2,811	7,061	5,411	13,671	16,831	4,611	4,611	11,511
Louisiana.....	1,741	4,341	1,041	2,611	2,011	5,061	6,311	1,741	1,741	4,341
Texas.....	3,274	8,171	1,771	4,451	3,401	8,611	10,521	3,274	3,274	8,171
Mountain.....	2,191	5,481	1,311	3,261	2,511	6,311	7,881	2,191	2,191	5,481
Colorado.....	347	861	211	526	401	1,011	1,261	347	347	861
New Mexico.....	331	811	201	503	381	921	1,141	331	331	811
Arizona.....	471	1,181	281	706	541	1,361	1,681	471	471	1,181
Pacific.....	12,523	31,677	7,817	19,871	15,618	39,481	49,417	12,523	12,523	31,677
Washington.....	2,541	6,357	1,541	3,842	2,941	7,341	9,181	2,541	2,541	6,357
Oregon.....	2,074	5,172	1,241	3,098	2,341	5,881	7,381	2,074	2,074	5,172
California.....	7,908	19,925	4,835	12,031	9,336	23,759	29,855	7,908	7,908	19,925

<sup>1</sup> Regions and States are defined as in the 1950 Census of Manufactures. For more detailed information on the definitions of regions and states, see the 1950 Census of Manufactures, General Statistics, Part I, Chapter 1, Section 1.1.

<sup>2</sup> Value of shipments is the sum of shipments of finished goods, work in process, and materials.

<sup>3</sup> Establishments with 20 or more employees are those establishments that report data on the 1958 Census of Manufactures. For more detailed information on the definitions of establishments, see the 1950 Census of Manufactures, General Statistics, Part I, Chapter 1, Section 1.2.

<sup>4</sup> For explanation see text under "Value added by manufacture."

<sup>5</sup> Except for "Number of establishments with 20 or more employees," the figures shown in this table are for the year 1957. For more detailed information on the definitions of establishments, see the 1950 Census of Manufactures, General Statistics, Part I, Chapter 1, Section 1.2.

<sup>6</sup> For explanation see text under "Value added by manufacture."

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF MILLWORK SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(includes quantity and value of these products reported not only by establishments classified as Millwork Plants but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2431----	Millwork, total.....		xxx	895,957	xxx	846,413
24311--	Wood windows (including window units, sash, and combination screen and storm sash, excluding window screens).....		xxx	160,284	xxx	154,349
	Sash, wood other than storm sash (double-hung windows counted as two sash; cellar and barn sash included. Sash shipped under window units):					
2431111	Knock-down:					
	Quantity reported.....	Thousands.....	(NA)	8,828	{ 4,740	5,817
	Quantity not reported.....	..do.....			xxx	1,953
2431113	Open:					
	Quantity reported.....	..do.....	{ 5,356	9,771	{ 7,479	12,713
	Quantity not reported.....	..do.....			xxx	4,271
2431115	Glazed:					
	Quantity reported.....	..do.....	{ (NA)	26,974	{ 6,972	21,715
	Quantity not reported.....	..do.....			xxx	5,309
	Window units, wood:					
	Quantity reported.....	Thousands.....	{ (NA)	104,664	{ 5,770	76,609
	Quantity not reported.....	..do.....			xxx	12,915
2431133	Conventional double-hung.....	Thousands.....	2,922	38,540	xxx	xxx
2431135	All other including awning and casement.....	..do.....	3,827	64,043	xxx	xxx
2431131	Window units, not specified by kind.....	xxx	12,081	xxx	xxx	(*)
2431151	Combination screen and storm sash, wood:					
	Quantity reported.....	Thousands.....	{ (NA)	1,391	{ 478	3,654
	Quantity not reported.....	..do.....			xxx	1,658
2431171	Storm sash, wood:					
	Quantity reported.....	Thousands.....	{ (NA)	3,497	{ 1,961	6,414
	Quantity not reported.....	..do.....			xxx	1,321
2431100	Sash, wood, not specified by kind.....	xxx	17,240	xxx	xxx	(*)
2431211	Window and door frames, wood (including cellar and barn windows and doors frames and door frames shipped in door units)	Thousand bd. ft.				
	Quantity reported.....	lbr. consumed....	{ (NA)	69,419	{ 9,933	57,094
	Quantity not reported.....	..do.....			xxx	19,235
24313--	Doors, wood (including combination screen and storm doors, excluding screen doors).....		xxx	279,402	xxx	257,927
	General construction interior and exterior (including those with glazed sections):					
	Panel type (including French doors):					
2431311	Douglas-fir.....	Thousands.....	2,727	17,337	4,341	25,243
2431313	Western pine.....	..do.....	1,947	21,837	2,060	21,964
2431319	Other species.....	..do.....	(NA)	1,344	(NA)	4,343
	Flush type:					
	Hollow core:					
2431331	Softwood faces.....	Thousands.....	4,097	30,329	1,893	12,790
2431333	Hardwood faces.....	..do.....	13,612	81,853	12,574	85,312
2431339	Nonwood faces.....	..do.....	397	2,350	(NA)	3,157
	Solid core:					
2431343	Hardwood faces.....	..do.....	1,333	24,933	1,429	26,330
2431349	Softwood and nonwood faces.....	..do.....	546	4,625	(NA)	3,521
	Other than general construction:					
2431351	Combination screen and storm doors, wood.....	Thousands.....	601	6,378	1,389	15,378
2431361	Garage doors, wood.....	Thousands of openings.....	907	48,585	761	40,039
2431371	Other doors, wood (including storm, summer or louvre, cabinet, grain, etc.).....	Thousands.....	(NA)	23,831	xxx	19,850
2431300	Doors, wood, not specified by kind.....	xxx	116,000	xxx	xxx	(*)
2431411	Cabinetwork, to be built in (such as panels, drawers, etc., to be built into kitchen cabinets, base units, broom closets, medicine cabinets, vegetable bins, mantels, china cases, etc. Complete cabinets excluded).....		xxx	78,059	xxx	84,856
24315--	Finished wood moulding (including window and door trim; excluding picture frames).....		(NA)	139,984	(NA)	131,766
2431511	Softwood:					
	Quantity reported.....	Thousand bd. ft.	{ (NA)	105,924	{ 383,928	91,759
	Quantity not reported.....	lbr. consumed....			xxx	21,612
2431551	Hardwood.....	..do.....	{ (NA)	24,248	{ (NA)	18,395
2431500	Finished wood moulding not specified by kind.....	xxx	19,812	xxx	xxx	(*)
24316--	Other millwork products:					
	Tanks and vats, wooden, except coopered.....	xxx	55,149	xxx	xxx	84,045
2431611	Stairwork (including treads, risers, balusters, brackets, crooks, newels, rails, etc.):		xxx	6,568	xxx	7,218
	Softwood.....	xxx	5,947	xxx	xxx	3,212
2431621	Hardwood.....	xxx	6,551	xxx	xxx	6,491
2431631	Exterior millwork (including porch columns, porch rails and newels, trellises, etc.).....	xxx	5,728	xxx	xxx	10,061
2431651	Exterior entrances.....	(NA)	2,185	xxx	xxx	57,063
2431698	Other millwork products.....	xxx	28,170	xxx	xxx	
2431000	Millwork products, not specified by kind.....	xxx	113,201	xxx	xxx	57,141

NA Not available. xxx Not applicable. \*Largely accounted for small establishments that were asked to report a breakdown by product class only.

\*Included in "Millwork products, not specified by kind" in 1954.

USCOMM-DC

GPO 890482-2



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-24B-2

### PREFABRICATED WOOD PRODUCTS INDUSTRY

(Industry Code 2433--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Prefabricated Wood Products Industry shipped products valued at \$322 million, an increase of 31 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 17 percent from 1954 to 1958 to a total of 13.5 thousand employees in 1958. Value added by manufacture in the industry amounted to \$122 million in 1958, an increase of 35 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE PREFABRICATED WOOD PRODUCTS INDUSTRY IN THE UNITED STATES: 1958 and 1954

(Standard Industrial Classification Code 2433)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	13.5	11.5	+17
Payroll.....	Million dollars...	61.8	45.9	+35
Production workers:				
Number.....	Thousands.....	9.9	9.2	+8
Man-hours.....	Millions.....	19.4	17.6	+10
Wages.....	Million dollars...	38.2	29.1	+31
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	117.3	89.0	+32
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	122.1	90.5	+35
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	201.0	154.9	+30
Value of shipments <sup>5</sup> .....	do.....	321.9	245.5	+31
Capital expenditures, new.....	do.....	4.4	3.7	+19
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	149	111	+34

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Prefabricated Wood Products Industry includes establishments engaged primarily in the manufacture of prefabricated wooden buildings, or in producing laminated or fabricated trusses, arches, and other structural members of lumber. Establishments primarily engaged in the installation rather than the manufacture of prefabricated building and equipment e.g., building contractors, erector-dealers, lumber and building materials distributors, etc., are excluded from the Census of Manufactures and are classified in Construction Industries. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Prefabricated Wood Products Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Prefabricated Wood Products Industry amounted to \$322 million. Of this total, \$288 million were products primary to the industry, \$5 million were products primary to other industries, and \$29 million were receipts

for miscellaneous activities. The industry shipments of primary products represented 98 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 99 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$295 million of Prefabricated Wood Products were shipped by all producers of these products. Of this total, \$288 million, or 98 percent, were shipped by plants classified in Industry 2433, Prefabricated Wood Products, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

3

Table 2.--GENERAL STATISTICS FOR THE PREFABRICATED WOOD PRODUCTS INDUSTRY (S.I.C. CODE 2433), BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	13,505	61,843	9,906	19,426	38,190	117,267	122,134	321,869	4,416	149	11,547	88,999
Middle Atlantic.....	1,630	8,414	1,101	2,003	4,336	17,424	17,641	45,423	425	21	1,437	12,714
North Central.....	6,393	31,149	4,536	9,009	18,495	60,502	62,186	166,510	2,128	63	6,761	53,962
Indiana.....	2,085	11,027	1,534	3,025	6,473	25,415	24,657	62,451	1,054	10	2,878	20,734
Michigan.....	486	2,276	323	648	1,280	3,579	3,543	10,192	122	6	673	6,845
Wisconsin.....	481	2,331	305	615	1,166	3,485	3,593	11,172	59	3	418	3,633
South Atlantic.....	1,893	6,704	1,433	2,883	4,698	11,899	13,266	36,162	484	20	858	5,102
Florida.....	467	1,610	387	773	1,284	2,416	2,573	6,869	177	8	178	674
East South Central.....	757	2,560	628	1,195	1,773	4,158	4,354	14,397	110	8	499	3,456
West South Central.....	777	3,257	597	1,162	1,934	5,838	6,626	17,017	298	10	513	2,301
Pacific.....	1,631	8,148	1,283	2,533	5,783	15,261	15,684	35,649	638	19	1,270	10,243
Washington.....	514	2,400	413	793	1,842	4,419	4,487	9,301	174	8	184	1,772
Oregon.....	546	2,844	417	808	1,828	5,658	5,631	12,524	178	2	759	4,885
California.....	571	2,904	453	932	2,113	5,184	5,566	13,824	286	9	326	3,584

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--QUANTITY AND VALUE OF PREFABRICATED WOOD PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Prefabricated Wood Products Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	Total production			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2433----	Prefabricated wood products.....	.....	xxx	295,078	xxx	227,298
24331--	Fabricated structural elements and framing for bridges, buildings and other structures including marine laminates.....	.....	xxx	48,330	xxx	132,320
2433121	Of glued laminated lumber.....	Thousand bd. ft. consumed.....	(NA)	15,900	31,420	9,894
2433123	Of sawn lumber.....	...do.....	(NA)	5,757	41,689	6,479
2433129	Of a combination of glued laminated and sawn lumber.....	...do.....	(NA)	21,852	45,676	13,245
2433100	Fabricated structural elements and framing, not specified by type.....	.....	xxx	4,821	...	...
24332--	Prefabricated buildings, wood:					
	Prefabricated wood buildings, including portable types, sold as complete units (including those shipped in sections or panels).....	.....	xxx	178,812	xxx	174,088
2433211	Dwellings.....	Number.....	56,704	169,002	57,711	164,276
2433298	Other (including garages and farm buildings, etc.).....	Number.....	xxx	7,652	18,597	9,812
2433200	Prefabricated buildings, wood not specified by kind.....	.....	xxx	2,158	...	...
24333--	Ready cut wood buildings and panels or sections for prefabricated buildings.....	.....	xxx	58,063	xxx	20,890
	Ready cut wood buildings sold as complete units:					
2433311	Dwellings.....	Number.....	11,631	48,179	5,212	16,062
2433361	Other (including garages, farm buildings, etc.).....	Number.....	(NA)	1,727	2,412	1,227
2433371	Parts, sections and panels for prefabricated and ready cut buildings, all types, not sold as complete units.....	Number.....	(NA)	2,801	33,790	3,601
2433300	Ready cut wood buildings and panels, not specified by kind.....	.....	xxx	5,356	...	...
2433000	Prefabricated wood products, not specified by kind.....	.....	2,793	9,873	...	...

NA Not available.

xxx Not applicable.

<sup>1</sup>Includes \$904,000 for marine laminates and \$1,798,000 for farm framing which were classified separately in 1954.

USCOMM--DC

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-24B-3

### PLYWOOD PLANTS

(Industry Code 2432—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in Plywood Plants, shipped products valued at \$728 million, an increase of 37 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 20 percent from 1954 to 1958 to a total of 47.1 thousand employees in 1958. Value added by manufacture in the industry amounted to \$322 million in 1958, an increase of 32 percent from 1954 when the previous census was taken. Value added is

derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR PLYWOOD PLANTS IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2432)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	47.1	39.2	+20
Payroll.....	Million dollars...	201.5	152.3	+32
Production workers:				
Number.....	Thousands.....	42.9	36.1	+19
Man-hours.....	Millions.....	86.2	74.2	+16
Wages.....	Million dollars...	174.7	133.9	+30
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	308.7	246.3	+25
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	321.9	244.6	+32
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	416.6	283.8	+47
Value of shipments <sup>5</sup> .....	..do.....	727.9	530.9	+37
Capital expenditures, new.....	..do.....	21.4	11.2	+91
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	252	222	+14

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

Plywood Plants, include establishments engaged primarily in the manufacture of commercial plywood, including technical and industrial grades, from veneer produced in the same establishment or from purchased veneer; and particle board, including machine wood board made from splinters, flakes, shavings and other wood residue. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Industry 2432, Plywood Plants, consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in Industry 2432, Plywood Plants, amounted to \$728 million. Of this total, \$645 million were products primary to the industry, \$60 million were products primary to other industries, and \$23 million were receipts for miscellaneous activities. The industry shipments of primary products

represented 92 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 93 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$677 million of plywood products were shipped by all producers of these products. Of this total, \$645 million, or 95 percent, were shipped by plants classified in Industry 2432, Plywood Plants, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

Table 2.—GENERAL STATISTICS FOR PLYWOOD PLANTS (S. I. C. CODE 2432) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	47,109	201,549	42,905	86,203	174,767	308,737	321,923	727,947	21,389	252	39,201	246,250
New England.....	1,874	6,270	1,592	3,376	4,823	9,441	9,898	22,144	1,267	15	1,930	8,273
Vermont.....	852	2,465	656	1,231	1,704	3,517	3,708	7,267	100	8	1,021	3,886
Middle Atlantic.....	668	2,467	540	1,136	1,796	4,523	4,516	9,981	134	4	773	2,499
North Central.....	4,198	14,630	3,560	7,201	11,107	22,512	23,043	57,043	433	21	4,055	20,674
Indiana.....	980	3,670	863	1,825	2,855	6,382	7,056	18,697	145	6	988	3,585
Wisconsin.....	2,990	9,937	2,519	5,027	7,550	14,092	14,025	34,137	259	12	1,923	9,330
South Atlantic.....	7,569	19,821	7,005	14,318	16,595	28,861	31,203	64,524	1,268	64	6,882	24,649
North Carolina.....	2,563	6,509	2,377	4,686	5,467	9,431	11,120	20,573	345	25	2,357	8,268
South Carolina.....	2,398	6,277	2,182	4,448	5,064	9,502	9,725	22,330	397	19	1,975	7,111
Georgia.....	1,567	4,249	1,490	3,263	3,786	5,500	5,757	12,423	218	8	1,715	6,257
Florida.....	516	1,288	479	1,007	1,080	2,189	2,231	3,793	55	6	357	1,107
East South Central.....	2,260	6,614	2,055	4,167	5,178	9,220	9,635	22,397	274	19	1,333	5,167
Tennessee.....	891	2,940	780	1,703	2,127	4,148	4,170	9,534	71	5	331	1,387
West South Central.....	462	1,397	436	906	1,159	1,834	1,839	3,586	158	5	1,056	2,816
Arkansas.....	396	1,210	373	769	981	1,642	1,642	3,242	147	4	443	1,433
Pacific.....	31,352	150,011	27,632	54,952	133,821	231,597	241,058	546,801	17,765	122	23,170	182,169
Washington.....	8,498	40,759	7,905	15,213	37,184	56,765	57,796	144,100	1,928	32	8,864	60,455
Oregon.....	16,745	84,461	15,503	31,030	75,027	139,394	146,468	313,186	12,516	65	10,823	91,473
California.....	4,740	24,791	4,224	8,709	21,610	35,438	36,794	89,515	3,321	25	3,483	30,241

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF PLYWOOD PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified as Plywood Plants Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2432—	Plywood plants.....	.....	xxx	676,652	xxx	504,725
24321	Hardwood plywood.....	.....	984,710	181,732	912,387	145,693
2432111	Veneer Core (excluding container and packaging type):	.....				
	Technical type and Type I, waterproof.....	Thousand sq. ft.				
2432115	Type II, moisture resistant.....	surface measure..	31,822	9,011	49,073	8,416
2432117	Type III, dry bond.....	...do.....	769,131	132,147	649,827	102,145
2432132	Lumber Core (excluding container and packaging type).....	...do.....	68,852	11,044	45,352	5,627
2432134	Particle board core (excluding container and packaging type).....	...do.....	41,399	20,728	65,834	23,953
2432151	Container and packaging type.....	...do.....	7,636	2,805		
2432155	Hardwood plywood, not specified by kind.....	.....	65,870	3,957	102,301	5,552
2432100	Hardwood plywood, not specified by kind.....	.....	xxx	2,040	xxx	( <sup>2</sup> )
24322—	Softwood plywood, interior type (moisture resistant).....	Thousand sq. ft.				
2432211	Douglas fir.....	3/8" basis.....	4,740,882	320,704	3,071,060	247,841
2432298	Other softwood plywood (all other domestic softwoods, both Western and Eastern species, including Southern yellow pine).....	...do.....	4,577,815	304,336	2,966,319	235,062
2432200	Softwood plywood, interior type, not specified by kind.....	.....	163,067	14,195	104,741	12,779
24323—	Softwood plywood, exterior type (waterproof).....	Thousand sq. ft.	xxx	2,173	xxx	( <sup>2</sup> )
2432311	Douglas fir.....	3/8" basis.....	1,514,458	126,712	903,317	87,266
2432398	Other softwood.....	...do.....	1,466,598	122,797	892,273	85,715
2432300	Softwood plywood, exterior type, not specified by kind.....	...do.....	47,860	3,714	11,044	1,551
24324—	Other plywood and plywood-type products.....	.....	xxx	201	xxx	( <sup>2</sup> )
	Nonwood face plywood, two-ply veneer, backed and/or faced, and other plywood-type products, such as laminated panels and blocks of wood veneer:	.....	xxx	43,731	xxx	23,925
2432415	Hardwood base.....	Thousand sq. ft.				
2432451	Softwood base.....	surface measure..	88,904	11,454	24,336	3,681
2432468	Particle board (including machine wood board made from splinters, flakes, shavings or other wood residue) platen and extruded.....	...do.....	70,920	7,569	25,473	3,753
2432498	Other plywood type products, not elsewhere classified.....	Thousand sq. ft.	xxx	16,450	xxx	( <sup>2</sup> )
2432400	Plywood and plywood type products, not specified by kind.....	3/4" basis.....	xxx	5,892	xxx	16,491
2432000	Plywood, and plywood products, not specified by kind.....	.....	xxx	2,366	xxx	( <sup>2</sup> )
		.....	xxx	3,773	xxx	( <sup>2</sup> )

xxx Not applicable.

<sup>1</sup>Differences as reported in the 1958 Census of Manufactures for hardwood plywood shipments and the Facts for Industry Publication, "Hardwood Plywood; Market Shipments, Summary for 1958" (M24F-08), are due principally to the exclusion of interplant transfers (i.e. transfers to other divisions or plants of the same ownership or control when the plywood is to be further fabricated at such plant) in the Facts for Industry Publication for 1958.

<sup>2</sup>In 1954, these items were reported as "Other Plywood Type Products, Not Elsewhere Classified," Product Code 2432498.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC (P) -24C-1

### COOPERAGE INDUSTRY

(Industry Code 2445—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, value added by manufacture in the Cooperage Industry amounted to \$20 million, an increase of 17 percent from 1954 when the previous census was taken, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Value of shipments in this industry amounted to \$70 million in 1958, an increase of 14 percent over 1954. Average employment in this industry showed an increase of 5 percent from 1954 to 1958 to a total of 3.9 thousand employees in 1958. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE COOPERAGE INDUSTRY IN THE UNITED STATES: 1958 and 1954

(Standard Industrial Classification Code 2445)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	3.9	3.7	+5
Payroll.....	Million dollars...	14.3	12.4	+15
Production workers:				
Number.....	Thousands.....	3.4	3.4	...
Man-hours.....	Millions.....	6.4	6.5	-2
Wages.....	Million dollars...	12.0	10.5	+14
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	20.6	21.7	-5
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	19.8	16.9	+17
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	49.4	39.4	+25
Value of shipments <sup>5</sup> .....	..do.....	70.1	61.2	+14
Capital expenditures, new.....	..do.....	1.1	1.0	+10
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	35	32	+9

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Cooperage Industry includes establishments engaged primarily in the manufacture of barrels, kegs, tubs, hogsheads, pails, and other containers made of staves, except fruit and vegetable baskets (Industry 2441). This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Cooperage Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Cooperage Industry amounted to \$70 million. Of this total, \$66 million were products primary to the industry, \$3 million were products primary to other industries, and \$1 million were receipts for miscellaneous activities. The industry shipments of primary products represented 96 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 97 percent.

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$67 million of cooperage were shipped by all producers of these products. Of this total, \$66 million, or 98 percent, were shipped by plants classified in Industry 2445, Cooperage while the remainder was shipped by plants classified in other industries.

### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE COOPERAGE INDUSTRY (S.I.C. CODE 2445) BY REGION AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	3,873	14,267	3,437	6,368	12,031	20,577	19,727	7,270	1,135	35	3,723	1,655
New England.....	433	1,237	401	765	1,092	1,557	1,566	2,780	65	4	452	1,736
Middle Atlantic.....	321	1,143	283	506	938	1,796	1,765	6,425	116	6	506	2,723
East North Central.....	715	3,208	640	1,287	2,726	5,258	5,007	12,358	149	5	756	3,867
Ohio.....	332	1,558	304	572	1,340	2,216	2,116	5,031	51	3	443	1,834
Illinois.....	294	1,325	261	554	1,121	2,501	2,379	5,745	19	2	345	1,406
West North Central.....	384	979	324	519	813	1,374	1,308	4,810	109	4	250	1,068
South and West.....	2,020	7,700	1,789	3,291	6,412	10,592	10,143	43,697	696	16	1,557	17,859

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

Table 3.—QUANTITY AND VALUE OF COOPERAGE SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Cooperage Industry But also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 units)	Value (\$1,000)	Quantity (1,000 units)	Value (\$1,000)
2445---	Cooperage, total.....	12,233	67,469	xxx	58,308
2445112	Slack cooperage: Hogsheads, barrels, and kegs, including recoopered used slack barrels and kegs.....	6,279	3,025	xxx	15,310
24452--	Tight cooperage.....	xxx	54,493	xxx	41,474
2445211	Hogsheads, barrels, and kegs for: Bourbon and other whiskey.....	1,980	40,513	1,762	34,010
2445298	Other tight cooperage including recoopered used tight barrels, kegs, etc.....	xxx	9,783	xxx	7,414
2445299	Tight cooperage, not specified by kind.....	...	4,192	...	...
2445200	Cooperage, not specified by kind.....	xxx	4,951	xxx	1,574

xxx Not applicable.

DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC (P) -24C-2

### FRUIT AND VEGETABLE BASKETS INDUSTRY

(Industry Code 2441—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Fruit and Vegetable Baskets Industry shipped products valued at \$29 million, a decrease of 11 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 22 percent from 1954 to 1958 to a total of 5.2 thousand employees in 1958. Value added by manufacture in the industry amounted to \$18 million in 1958, a decrease of 9 percent from 1954 when the previous census was

taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE FRUIT AND VEGETABLE BASKETS INDUSTRY IN THE UNITED STATES: 1958 and 1954

(Standard Industrial Classification Code 2441)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	5.2	6.7	-22
Payroll.....	Million dollars...	12.4	13.9	-11
Production workers:				
Number.....	Thousands.....	4.9	6.3	-22
Man-hours.....	Millions.....	8.9	12.5	-29
Wages.....	Million dollars...	10.6	11.8	-10
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	17.5	19.0	-8
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	17.6	19.3	-9
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	11.6	13.7	-15
Value of shipments <sup>5</sup> .....	..do.....	29.2	32.8	-11
Capital expenditures, new.....	..do.....	0.6	0.7	-14
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	60	70	-14

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Fruit and Vegetable Baskets Industry includes establishments engaged primarily in the manufacture of till baskets, berry cups, climax baskets, round stave baskets, vegetable hampers, and splint or market baskets made primarily of veneer and splint for shipping and marketing fruits and vegetables. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Fruit and Vegetable Baskets Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Fruit and Vegetable Baskets Industry amounted to \$29 million. Of this total, \$26 million were products primary to the industry, \$2 million were products primary to other industries, and \$1 million were receipts for miscellaneous activities. The industry shipments of

primary products represented 93 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 91 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$29 million of fruit and vegetable baskets were shipped by all producers of these products. Of this total, \$26 million, or 88 percent, were shipped by plants classified in Industry 2441, Fruit and Vegetable Baskets, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MO(P)-24C-3

### WOODEN BOXES INDUSTRY

(Industry Code 2444--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Wooden Boxes Industry shipped products valued at \$311 million, a decrease of 19 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 27 percent from 1954 to 1958 to a total of 28.9 thousand employees in 1958. Value added by manufacture in the industry amounted to \$138 million in 1958, a decrease of 19 percent from 1954 when the previous census was taken.

Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE WOODEN BOXES INDUSTRY IN THE UNITED STATES: 1958 and 1954

(Standard Industrial Classification Code 2444)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	28.9	39.7	-27
Payroll.....	Million dollars...	89.4	106.3	-16
Production workers:				
Number.....	Thousands.....	25.6	36.1	-29
Man-hours.....	Millions.....	49.8	70.5	-29
Wages.....	Million dollars...	71.6	87.0	-18
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	134.2	166.4	-19
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	137.8	170.0	-19
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	173.3	214.9	-19
Value of shipments <sup>5</sup> .....	..do.....	310.8	385.4	-19
Capital expenditures, new.....	..do.....	4.3	6.1	-30
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	307	414	-26

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Wooden Boxes Industry includes establishments engaged primarily in the manufacture of wooden boxes (nailed or wirebound, plain or fabric covered), crates, cases, wooden shipping drums, and carrier trays. Establishments primarily engaged in manufacturing box shooks and wooden trunk slats from purchased lumber are also included in this industry. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Wooden Boxes Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Wooden Boxes Industry amounted to \$311 million. Of this total, \$260 million were products primary to the industry, \$26 million were products primary to other industries, and \$25 million were receipts for miscellaneous activities. The industry shipments of primary products represented 91 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 93 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3 indicates that \$310 million of wooden boxes were shipped by all producers of these products. Of this total, \$260 million, or 84 percent, were shipped by plants classified in Industry 2444, Wooden Boxes, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

1. 1. 1. --GENERAL STATISTICS FOR THE WOODEN BOXES INDUSTRY (S.I.C. CODE 2441) BY REGIONAL AND STATE, 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	23,569	23,377	25,029	49,834	71,649	134,193	137,724	310,707	4,740	307	39,725	166,417
New England.....	2,040	6,643	1,759	3,420	3,112	6,015	6,043	20,370	300	33	3,387	13,173
Maine.....	229	551	204	379	465	770	737	1,639	54	5	132	2,134
New Hampshire.....	520	1,700	463	905	1,371	2,059	2,188	6,360	194	8	851	3,059
Massachusetts.....	982	2,932	768	1,496	2,229	3,849	3,305	7,631	98	15	1,320	5,207
Middle Atlantic.....	2,246	7,366	1,958	3,929	6,122	10,935	11,073	26,122	389	29	2,851	14,709
New York.....	948	3,272	911	1,654	2,585	4,481	4,459	10,797	169	10	1,064	5,822
New Jersey.....	601	2,177	525	1,117	1,734	2,938	3,115	7,168	157	5	922	3,275
Pennsylvania.....	697	2,419	602	1,163	1,803	3,516	3,499	8,157	65	11	872	3,612
East North Central.....	4,352	14,892	3,660	7,017	10,928	20,280	20,930	45,665	1,053	69	6,413	29,431
Ohio.....	951	3,467	747	1,399	2,436	4,477	4,718	11,838	169	17	1,305	6,967
Indiana.....	371	1,256	303	538	933	2,151	2,226	4,854	156	8	555	2,734
Illinois.....	1,137	4,100	959	1,749	2,848	5,148	5,217	11,378	229	13	1,474	6,592
Michigan.....	630	1,973	529	1,046	1,567	2,968	3,131	6,851	174	11	1,241	5,708
Wisconsin.....	1,283	3,416	1,122	2,285	3,204	5,536	5,638	10,694	325	20	1,855	7,435
West North Central.....	1,027	3,449	703	1,758	2,674	5,781	6,176	12,956	211	19	2,125	9,910
Minnesota.....	364	1,303	317	594	1,131	2,031	2,778	4,405	86	7	691	3,157
Missouri.....	384	1,154	337	694	865	1,936	2,168	4,357	94	6	642	3,012
South Atlantic.....	3,007	10,217	2,314	4,602	6,678	11,821	12,640	29,831	818	68	8,691	30,451
Maryland.....	580	1,658	526	1,072	1,426	2,209	2,191	5,332	3	4	367	1,300
Virginia.....	1,391	3,306	1,202	2,196	2,646	4,356	4,476	10,014	160	13	1,187	3,818
North Carolina.....	379	1,134	366	651	849	2,159	2,178	4,913	48	4	813	2,556
South Carolina.....	510	1,311	442	890	1,022	1,969	1,954	3,350	58	4	594	2,127
Georgia.....	2,741	6,751	2,381	4,848	5,856	13,014	13,188	25,947	300	22	2,884	10,749
Florida.....	2,156	5,402	2,007	3,605	4,420	7,350	7,655	17,169	190	18	2,613	9,035
East South Central.....	4,226	11,616	3,738	7,466	9,169	19,317	19,182	40,784	447	28	5,634	20,752
Alabama.....	570	1,443	529	1,002	1,184	2,391	2,390	5,028	61	5	1,522	4,967
Mississippi.....	2,368	6,267	2,155	4,269	5,144	10,218	10,298	22,616	138	13	2,742	10,241
West South Central.....	2,805	7,391	2,555	5,202	6,289	12,375	12,697	25,292	396	21	4,863	15,683
Arkansas.....	755	2,247	679	1,503	1,989	3,702	3,720	6,204	154	5	1,677	4,812
Texas.....	1,057	2,593	932	1,903	2,297	4,546	4,754	9,880	107	11	1,385	5,588
West.....	4,166	17,280	3,712	7,434	14,617	25,619	27,035	69,747	639	40	5,696	32,350
California.....	2,678	12,087	2,354	5,069	10,229	16,824	18,553	50,978	413	22	3,271	19,782

<sup>1</sup>Each producing State not shown separately in the above table was withheld, either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



Table 3.--QUANTITY AND VALUE OF WOODEN BOXES SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 and 1954

(Includes quantity and value of these products reported not only by establishments classified in the Wooden Boxes Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2444---	Wooden boxes (except cigar boxes).....	.....	xxx	310,348	xxx	380,825
2444011	Veneer and plywood containers, except boxes (pails, drums, tube, etc.).....	.....	(NA)	957	xxx	(1)
24441--	Nailed or lock-corner boxes made from lumber.....	.....	xxx	61,597	xxx	97,336
2444111	For fruits and vegetables.....	.....	.....	.....	.....	.....
	Quantity reported.....	Thousand bd. ft.	68,950	9,686	105,348	15,871
	Quantity not reported.....	.....	xxx	2,814	.....	.....
2444131	For milk bottles and cartons.....	Thousands	2,644	6,367	2,680	7,194
2444151	For industrial and other uses:	.....	.....	.....	.....	.....
	Quantity reported.....	Thousand bd. ft.	138,254	27,383	330,472	56,232
	Quantity not reported.....	.....	xxx	7,814	xxx	18,099
2444100	Nailed or lock-corner boxes made from lumber, not specified by kind.....	.....	xxx	7,533	xxx	...
24442--	Nailed or lock-corner boxes made from veneer and plywood.....	.....	xxx	14,314	xxx	19,808
2444211	For fruits and vegetables.....	.....	(NA)	3,161	(NA)	...
2444251	For industrial and other uses.....	.....	(NA)	9,632	(NA)	16,248
2444200	Nailed or lock-corner boxes made from veneer and plywood, not specified by kind.....	.....	xxx	1,521	xxx	...
2444311	Wirebound boxes made from lumber.....	Thousands	16,354	11,002	8,946	14,179
24444--	Wirebound boxes made from veneer and plywood.....	.....	xxx	74,634	xxx	76,299
2444411	For fruits and vegetables.....	Thousands	72,142	27,238	100,664	36,294
2444431	For meat (other than canned).....	..do.	13,825	7,008	15,295	7,782
2444451	For poultry.....	..do.	44,990	18,465	29,188	10,705
2444471	For industrial and other uses.....	..do.	20,121	21,332	22,241	21,620
2444499	Wirebound boxes made from veneer and plywood, not specified by kind.....	.....	xxx	541	xxx	...
2444511	Combination wood and fiber boxes.....	.....	(NA)	6,343	(NA)	29,809
	Wooden box and crate shooks.....	.....	xxx	122,309	xxx	148,721
24446--	Made in box plants.....	.....	xxx	87,819	xxx	108,084
2421A	Made in other industries.....	.....	xxx	34,490	xxx	40,637
	Lumber:	.....	.....	.....	.....	.....
2444612	For fruits and vegetables.....	Thousand bd. ft.	(NA)	42,297	567,240	55,635
2444611	Made in box plants.....	.....	(NA)	24,596	(NA)	(NA)
2421A11	Made in other industries.....	.....	(NA)	17,701	(NA)	(NA)
2444616	For industrial and other uses.....	Thousand bd. ft.	421,482	44,051	440,502	52,929
2444615	Made in box plants.....	..do.	214,502	23,112	(NA)	(NA)
2421A15	Made in other industries.....	..do.	206,980	15,939	(NA)	(NA)
	Veneer:	.....	.....	.....	.....	.....
2444632	For fruits and vegetables.....	Thousand sq. ft.	(NA)	11,713	55,199	9,672
2444631	Made in box plants.....	surface measure..	(NA)	11,713	(NA)	(NA)
2421A31	Made in other industries.....	.....	...	...	(NA)	(NA)
2444634	For meat, other than canned.....	Thousand sq. ft.	(NA)	3,024	18,566	3,690
2444633	Made in box plants.....	surface measure..	(NA)	3,024	(NA)	(NA)
2421A33	Made in other industries.....	.....	...	...	(NA)	(NA)
	For industrial and other uses.....	Thousand sq. ft.	78,814	9,537	(NA)	7,843
2444639	Made in box plants.....	..do.	78,814	9,537	(NA)	(NA)
2421A39	Made in other industries.....	.....	...	...	(NA)	(NA)
2444640	Quantity reported.....	Thousand sq. ft.	xxx	xxx	40,679	7,128
2444640	Quantity not reported.....	surface measure..	xxx	xxx	xxx	715
	Plywood:	.....	.....	.....	.....	.....
2444651,	Made in box plants.....	Thousand sq. ft.	96,506	5,732	109,525	12,782
59	.....	surface measure	.....	.....	.....	.....
2421A51,	Made in other industries.....	.....	xxx	(D)	xxx	6,170
59	Material and usage not specified.....	.....	xxx	5,298	xxx	(NA)
2444699	Made in box plants.....	.....	xxx	5,105	(NA)	(NA)
2444698	Made in other industries.....	.....	xxx	850	(NA)	(NA)
2421A98	Boxes, not specified by kind.....	.....	xxx	20,149	xxx	14,573

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

xxx Not applicable.

1Not separately reported in 1954.

2Includes \$466,000 for tobacco hogsheds.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-24D-1

### WOOD PRESERVING INDUSTRY

(Industry Code 2491—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufactures in the Wood Preserving Industry shipped products valued at \$203 million an increase of 7 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 7 percent from 1954 to 1958 to a total of 10.9 thousand employees in 1958. Value added by manufacture in the industry amounted to \$73 million in 1958, an increase of 9 percent from 1954 when the previous census was taken.

Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE WOOD PRESERVING INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2491)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	10.9	11.7	-7
Payroll.....	Million dollars...	36.6	35.1	+4
Production workers:				
Number.....	Thousands.....	9.2	10.0	-8
Man-hours.....	Millions.....	17.9	19.9	-10
Wages.....	Million dollars...	28.1	27.2	+3
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	74.7	67.3	+11
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	72.7	66.5	+9
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	127.7	121.7	+5
Value of shipments <sup>5</sup> .....	..do.....	202.9	189.4	+7
Capital expenditures, new.....	..do.....	3.7	4.7	-21
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	148	158	-6

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Wood Preserving Industry includes establishments engaged primarily in treating wood with creosote or other preservatives to prevent decay and to protect against fire and insects. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Wood Preserving Industry consisted of primary products (shipments of wood owned and treated by the same establishment and receipts for treating wood owned by others) as well as the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Wood Preserving Industry amounted to \$203 million. Of this total, \$193 million were products primary to the industry, \$3 million were products primary to other industries, and \$7 million were receipts for miscellaneous activities. The industry shipments of primary products represented 98 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 97 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$201 million were received by all producers of products primary to this industry. Of this total, \$193 million, or 96 percent, were shipped by plants classified in Industry 2491, Wood Preserving, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

PRESERVING INDUSTRY (311), WOOD PRESERVING AND TREATING (312)

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	10,931	4,424	4,171	17,949	28,063	74,695	72,684	202,926	1,000	148	11,442	27,374
Northeast.....	411	1,441	338	631	1,268	3,411	3,290	9,463	170	9	527	3,717
East North Central.....	957	3,701	796	1,627	2,938	7,371	7,325	19,913	229	15	1,143	7,442
Ohio.....	277	1,144	234	482	914	2,333	2,422	5,914	75	5	454	3,002
West North Central.....	842	3,232	712	1,343	2,499	6,622	7,339	17,667	221	15	881	5,561
Minnesota.....	446	1,879	376	684	1,447	3,823	5,060	10,397	65	9	464	3,328
Missouri.....	282	841	240	443	652	1,982	2,083	4,184	119	4	295	1,548
South Atlantic.....	2,978	9,523	2,432	4,779	6,999	19,907	18,281	55,366	1,098	37	2,965	16,007
Virginia.....	372	1,181	311	562	889	3,190	2,808	7,648	104	6	321	1,923
South Carolina.....	557	1,640	436	799	1,162	3,382	2,516	9,805	89	3	614	2,800
Georgia.....	754	2,462	643	1,330	1,911	5,641	5,194	16,065	259	9	806	4,852
Florida.....	663	2,165	546	1,158	1,594	3,995	4,059	11,884	362	11	628	3,141
East South Central.....	2,126	5,802	1,774	3,473	4,521	12,844	12,216	34,998	535	24	2,044	10,806
Alabama.....	512	1,582	439	861	1,242	2,951	2,771	8,992	177	6	750	3,593
Mississippi.....	1,084	2,890	964	1,806	2,260	4,938	4,730	14,896	279	11	784	4,102
West South Central.....	2,325	6,951	1,963	3,905	5,291	13,223	12,970	37,965	740	28	2,467	11,990
Arkansas.....	448	1,334	414	868	1,142	2,893	2,709	7,276	225	4	395	2,318
Louisiana.....	653	1,955	570	1,169	1,449	2,996	3,179	11,369	283	9	685	3,409
Oklahoma.....	285	736	210	380	551	1,164	1,175	4,156	55	3	272	1,109
Texas.....	939	2,926	769	1,488	2,149	6,170	5,907	15,164	177	12	1,114	5,153
Mountain.....	555	1,856	462	887	1,518	3,331	3,340	7,302	326	8	605	3,460
Pacific.....	837	3,908	694	1,304	3,029	7,986	7,323	20,252	336	12	1,063	8,363
Washington.....	310	1,472	251	494	1,114	3,475	2,770	7,792	96	5	335	2,234
Oregon.....	307	1,392	259	468	1,070	2,415	2,483	6,635	119	4	364	2,397

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publication detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

Table 3.--VALUE OF SHIPMENTS AND RECEIPTS FOR WOOD PRESERVING BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes value of these products reported not only by establishments classified in the Wood Preserving Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Value of shipments and receipts (\$1,000)	
		1958	1954
2491---	Wood preserving, total.....	201,307	183,266
2491011	Receipts from sales and transfers of wood owned and treated by this establishment.....	174,707	156,530
2491111	Receipts for treating wood owned by other establishments.....	24,276	26,736
2491000	Wood preserving, not specified by kind.....	2,324	...

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.







# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-25A-1

### WOOD HOUSEHOLD FURNITURE, EXCEPT UPHOLSTERED, INDUSTRY

(Industry Code 2511—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Wood Household Furniture, Except Upholstered, Industry shipped products valued at \$1,383 million, an increase of 19 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 1 percent from 1954 to 1958 to a total of 126.1 thousand employees in 1958. Value added by manufacture in the industry amounted to \$710 million in 1958, an increase of 18 percent from 1954 when the previous census was taken.

Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE WOOD HOUSEHOLD FURNITURE, EXCEPT UPHOLSTERED, INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2511)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	126.1	124.8	+1
Payroll.....	Million dollars...	445.4	368.4	+14
Production workers:				
Number.....	Thousands.....	109.7	109.6	...
Man-hours.....	Millions.....	222.0	222.	...
Wages.....	Million dollars...	347.0	303.2	+14
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	702.2	592.7	+18
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	710.1	602.0	+18
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	680.6	569.	+20
Value of shipments <sup>5</sup> .....	..do.....	1,388.5	1,170.6	+19
Capital expenditures, new.....	..do.....	28.7	17.1	+66
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	93.7	95.8	-2

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Wood Household Furniture, Except Upholstered, Industry includes establishments engaged primarily in the manufacture of wood household furniture commonly used in dwellings, and wooden cases and cabinets for radios and sewing machines, kitchen cabinets, camp furniture, nursery furniture and headboards for hollywood beds. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Wood Household Furniture, Except Upholstered, Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Wood Household Furniture, Except Upholstered, Industry amounted to \$1,388 million. Of this total, \$1,237 million were products primary to the industry, \$76 million were products primary to other industries, and \$75 million were receipts for miscellaneous activities. The industry shipments of primary

products represented 94 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 94 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,310 million of wood household furniture, except upholstered, were shipped by all producers of these products. Of this total, \$1,237 million, or 94 percent, were shipped by plants classified in Industry 2511, Wood Household Furniture, Except Upholstered, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

3

Table 2.--GENERAL STATISTICS FOR THE WOOD HOUSEHOLD FURNITURE, EXCEPT UNREGISTERED, INDUSTRY . . . BY REGION AND STATE

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	126,092	445,461	109,705	222,084	347,097	702,285	71,14	1,388,576	28,583	937	124,398	192,714
New England.....	7,010	27,230	6,976	12,241	20,587	40,729	4,880	72,802	2,456	67	8,177	38,115
Maine.....	361	1,290	331	707	1,089	1,973	2,371	3,308	66	6	489	1,757
New Hampshire.....	837	2,664	719	1,427	2,131	4,666	4,634	8,638	1,400	10	1,303	6,498
Vermont.....	1,464	5,611	1,281	2,993	4,434	8,149	8,035	15,560	30	11	1,155	5,821
Massachusetts.....	3,811	17,689	3,185	6,217	11,388	22,972	3,249	39,903	545	7	3,395	21,349
Connecticut.....	537	1,966	460	897	1,575	2,965	2,737	5,386	96	7	665	3,048
Middle Atlantic.....	17,298	67,176	14,788	30,376	52,443	102,254	103,763	192,971	3,996	184	20,186	111,835
New York.....	8,367	34,814	7,013	14,544	25,297	53,189	97,276	1,920	30	1	1,062	55,881
New Jersey.....	1,607	6,364	1,354	2,754	4,787	9,951	9,930	21,402	786	23	2,346	11,842
Pennsylvania.....	7,324	25,997	6,421	13,078	21,116	40,406	40,644	74,293	1,290	71	8,097	37,111
East North Central.....	25,069	98,557	21,512	43,516	75,141	149,374	151,362	280,112	4,564	210	28,392	141,809
Ohio.....	2,009	8,223	1,754	3,564	6,577	13,689	13,789	25,882	346	17	1,863	9,409
Indiana.....	9,309	34,980	8,081	16,513	26,976	53,648	54,624	101,714	1,805	74	11,181	49,247
Illinois.....	5,719	24,624	4,919	9,832	18,360	34,042	34,764	69,463	747	52	6,410	31,887
Michigan.....	4,987	18,965	4,217	8,545	14,575	29,360	29,216	49,714	1,107	48	6,026	32,392
Wisconsin.....	3,045	11,766	2,541	5,062	8,653	16,635	16,909	33,333	554	18	2,910	15,873
West North Central.....	1,807	6,512	1,517	3,103	5,059	10,063	10,150	19,294	434	22	1,966	8,716
Missouri.....	669	2,164	575	1,159	1,725	3,865	3,945	6,956	158	10	680	2,862
South Atlantic.....	44,331	136,958	39,736	80,094	109,518	232,560	235,539	486,322	9,500	216	39,975	175,109
Maryland.....	588	2,379	490	1,041	1,732	3,694	3,669	6,828	67	7	611	3,773
Virginia.....	12,258	39,887	11,017	22,084	31,494	73,158	73,824	175,945	2,774	40	11,105	55,797
West Virginia.....	603	1,668	507	1,291	1,296	2,912	2,687	4,831	54	6	496	1,860
North Carolina.....	23,332	71,340	21,849	43,733	58,336	120,375	122,961	235,787	5,191	98	22,082	92,565
South Carolina.....	2,611	7,916	2,077	4,514	5,859	11,886	11,514	23,009	531	10	2,108	8,309
Georgia.....	1,947	5,231	1,735	3,356	4,198	7,184	7,215	14,435	396	19	2,106	6,122
Florida.....	2,477	8,786	2,050	4,408	6,564	13,294	13,612	25,362	485	36	1,453	6,442
East South Central.....	12,998	41,215	11,184	23,089	32,146	62,851	62,821	123,902	3,255	79	11,034	44,602
Kentucky.....	2,704	10,383	2,360	4,818	8,321	15,766	15,274	29,749	525	20	3,376	15,304
Tennessee.....	5,820	16,943	4,984	9,867	12,823	26,078	26,564	50,397	1,378	33	4,744	17,769
Alabama.....	1,565	4,359	1,351	2,675	3,528	7,087	7,219	15,605	220	17	895	3,803
Mississippi.....	2,909	9,530	2,489	5,729	7,474	13,920	13,764	28,151	1,132	9	2,017	8,925
West South Central.....	6,719	19,809	6,095	12,030	15,436	30,830	31,227	72,294	1,423	50	6,047	23,200
Arkansas.....	4,328	12,628	3,908	7,720	10,008	17,861	17,969	43,445	630	20	3,337	11,116
Louisiana.....	289	834	252	483	620	1,444	1,444	3,356	58	6	335	1,645
Oklahoma.....	677	1,982	612	1,287	1,584	3,275	3,382	7,090	201	3	659	4,707
Texas.....	1,565	4,365	1,323	2,540	3,274	6,249	8,432	18,403	534	21	1,606	6,731
Mountain.....	426	1,836	336	712	1,396	2,112	2,668	7,423	94	4	259	1,159
Pacific.....	10,234	46,167	8,561	16,923	35,321	71,512	72,034	133,456	2,861	105	8,968	55,065
Washington.....	1,578	6,898	1,341	2,445	5,394	12,023	11,585	21,567	296	12	1,646	10,047
Oregon.....	988	3,761	900	1,599	3,149	5,942	5,860	10,310	167	6	1,040	6,618
California.....	7,668	35,508	6,320	12,879	26,778	53,547	54,589	101,579	2,398	87	6,279	36,400

D Withheld to avoid disclosing figures for individual companies.

Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.<sup>4</sup>For explanation see text under "Value of shipments."<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF WOOD HOUSEHOLD FURNITURE, EXCEPT UPHOLSTERED, SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Wood Household Furniture, except Upholstered, industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 units)	Value (\$1,000)	Quantity (1,000 units)	Value (\$1,000)
2511----	Wood household furniture, except upholstered, total.....	xxx	1,309,595	xxx	1,112,656
2511111	Radio, phonograph, television, and Hi-Fi cabinets and combinations thereof.....	5,371	114,570	5,486	102,824
25112--	Other wood living room, library, sunroom, and hall furniture including sewing machine cabinets, etc.....	xxx	222,823	xxx	212,056
2511211	Sewing machine cabinets.....	614	17,974	1,458	29,160
2511219	Other cabinets (records, music, sewing, smoking, etc.).....	xxx	8,539	(NA)	6,592
2511231	Chairs and rockers.....	1,282	14,712	1,159	12,334
2511241	Tables (all types) except card and telephone tables.....	8,048	127,420	12,066	120,666
2511251	Desks.....	539	16,620	396	14,726
2511271	Credenzas, book cases, and book shelves.....	xxx	10,881	xxx	7,645
2511281	Card tables and chairs (folding and nonfolding).....	xxx	3,129	xxx	6,793
2511298	Other non-upholstered living room furniture, n.e.c.....	xxx	19,686	xxx	14,140
2511200	Other wood living room, library, sunroom and hall furniture; not specified by kind.....	xxx	3,862	xxx	( <sup>1</sup> )
25113--	Wood dining, junior dining, and dinette furniture.....	xxx	162,862	xxx	145,159
2511311	Tables 30" x 40" and greater.....	801	42,103	1,014	45,667
2511331	Chairs.....	3,914	51,289	5,037	47,857
2511351	Buffets and servers.....	459	34,092	369	25,150
2511371	China and corner cabinets.....	332	25,846	303	20,894
2511398	Other dining, junior dining and dinette furniture, n.e.c.....	xxx	1,522	xxx	5,591
2511300	Wood dining, junior dining, and dinette furniture, not specified by kind.....	xxx	8,010	xxx	( <sup>1</sup> )
25114--	Wood kitchen furniture, including breakfast sets.....	xxx	193,356	xxx	126,373
	Complete kitchen cabinets (factory made) (including complete cabinets to be used as individual units, or to be combined with other cabinets to form a built-in unit) (including sink bases and fronts, wall and utility; excluding sink bowls, drainboards and sink tops):				
2511412	Assembled.....	4,307	158,884	xxx	113,033
2511415	Unassembled.....	581	10,589		
2511410	Kitchen cabinets (factory made) not identified as assembled or unassembled.....	xxx	14,331		
2511431	Breakfast sets.....	18	1,758	107	6,188
2511498	Other kitchen furniture.....	xxx	850	xxx	7,152
2511400	Other wood kitchen furniture, not specified by kind.....	xxx	6,944	xxx	...
25115--	Wood bedroom furniture, including headboards.....	xxx	459,888	xxx	390,735
2511511	Beds (excluding headboards, headboard beds, bunk beds, cribs, cradles, hollywood beds, and youth beds).....	2,055	54,508	2,603	63,320
2511513	Headboards and headboard beds.....	2,115	50,860	1,313	28,994
2511515	Bunk beds (excluding mattresses and detachable springs).....	612	15,559	420	7,133
2511521	Dressers, vanities, and dressing tables.....	3,000	161,736	2,439	134,804
2511531	Chests of drawers, wardrobes, chiffoniers, chiffirobes, etc.....	3,016	113,646	2,599	92,591
2511541	Cedar chests.....	340	11,369	535	15,342
2511551	Chairs, rockers, benches, and chaise lounges (excluding upholstered).....	222	3,031	194	2,522
2511598	Other bedroom furniture (excluding items listed under mattresses and bedsprings).....	xxx	32,573	xxx	46,029
2511500	Bedroom furniture; not specified by kind.....	xxx	16,606	xxx	( <sup>1</sup> )
25116--	Infants' and children's wood furniture.....	xxx	46,324	xxx	52,388
2511611	Cribs, including springs sold as part of the crib.....	952	19,332	1,051	17,691
2511631	High chairs, and combination feeding chair tables.....	347	4,555	583	6,701
2511642	Play yards and play pens.....	609	5,880	594	5,078
2511698	Other infants' and children's furniture.....	xxx	12,263	xxx	22,918
2511600	Infants' and children's wood furniture, not specified by kind.....	xxx	4,294	xxx	( <sup>1</sup> )
25117--	Porch, lawn and beach wood furniture.....	xxx	17,098	xxx	13,485
2511712	Cots, folding, of wood and canvas.....	379	1,277	xxx	13,485
2511721	Chairs, rockers, benches, and chaise lounges (including steamer and deck chairs).....	1,276	9,163		
2511729	Other wood porch, lawn and beach furniture.....	xxx	2,285		
2511700	Porch, lawn and beach wood furniture, not specified by kind.....	xxx	2,373	xxx	( <sup>1</sup> )
25118--	Unpainted wood furniture (furniture-in-the-white).....	xxx	25,420	xxx	22,780
2511835	Chest of drawers.....	584	7,166	743	9,154
2511839	Other unpainted furniture.....	xxx	14,325	xxx	13,626
2511800	Unpainted wood furniture, not specified by kind.....	xxx	3,929	xxx	( <sup>1</sup> )
2511998	Other nonupholstered wood household furniture.....	xxx	9,760	xxx	8,242
2511000	Wood household furniture, not specified by kind.....	xxx	57,494	xxx	38,614

NA Not available.

xxx Not applicable.

<sup>1</sup>Included in "Wood household furniture, not specified by kind" (2511000) in 1954.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-25A-2

### WOOD HOUSEHOLD FURNITURE, UPHOLSTERED INDUSTRY

(Industry Code 2512—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Wood Household Furniture, Upholstered Industry shipped products valued at \$374 million, an increase of 37 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 21 percent from 1954 to 1958 to a total of 67.7 thousand employees in 1958. Value added by manufacture in the industry amounted to \$430 million of 1958, an increase of 37 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE WOOD HOUSEHOLD FURNITURE, UPHOLSTERED, INDUSTRY IN THE UNITED STATES: 1958 and 1954  
(Standard Industrial Classification Code 2512)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	67.7	56.0	+21
Payroll.....	Million dollars...	257.4	193.6	+33
Production workers:				
Number.....	Thousands.....	56.7	48.1	+18
Man-hours.....	Millions.....	109.9	93.3	+18
Wages.....	Million dollars...	194.1	147.0	+32
Value added by manufacture, unadjusted <sup>2</sup> .....	.....do.....	426.1	313.0	+37
Value added by manufacture, adjusted <sup>3</sup> .....	.....do.....	429.9	314.8	+37
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	.....do.....	446.1	326.3	+37
Value of shipments <sup>5</sup> .....	.....do.....	873.7	640.6	+37
Capital expenditures, new.....	.....do.....	12.3	6.9	+78
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	767	645	+19

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not states until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For expansion see text under "Value of shipments." Includes value of resales after 1 year.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00



The Wood Household Furniture, Upholstered Industry includes establishments engaged primarily in the manufacture of upholstered furniture on wood frames, or manufacturing wood frames for upholstered furniture. Establishments manufacturing dual purpose sleep furniture are classified in this industry regardless of the materials used in the frame. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Wood Household Furniture, Upholstered Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Wood Household Furniture, Upholstered Industry amounted to \$874 million. Of this total, \$811 million were products primary to the industry, \$52 million were products primary to other industries, and \$11

million were receipts for miscellaneous activities. The industry shipments of primary products represented 94 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was also 94 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$907 million of Wood Household Furniture, Upholstered were shipped by all producers of these products. Of this total, \$811 million, or 90 percent, were shipped by plants classified in Industry 2512, Wood Household Furniture, Upholstered while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



Table 2.—GENERAL STATISTICS BY TWO-DIGIT NAEPAL FOUR-DIGIT MANUFACTURE, UNEMPLOYED, INDUSTRY (S.I.C. CODE 20-39) BY REGION AND STATE

Region and State <sup>1</sup>	1958										1957	
	All employees		Production workers		Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>2</sup> (\$1,000)	(\$1,000)	(\$1,000)			(\$1,000)
United States, total.....	1,000,000	287,400	600,000	1,000,000	194,100	100,187	43,976	873,740	2,340	1,000,000	1,000,000	3,210,000
New England.....	4,100	10,200	2,000	3,100	11,000	2,000	24,490	50,000	390	4,100	4,100	2,000,000
New Hampshire.....	300	1,200	200	300	1,200	200	2,250	4,400	20	300	300	2,000,000
Massachusetts.....	2,900	10,000	2,000	3,000	11,000	2,000	16,966	35,490	120	2,900	2,900	1,000,000
Connecticut.....	1,000	9,000	800	1,000	8,000	8,000	8,724	11,400	100	1,000	1,000	1,000,000
Middle Atlantic.....	17,100	43,200	8,000	10,000	11,000	11,100	11,860	139,880	1,210	17,100	17,100	1,000,000
New York.....	16,000	27,500	7,000	9,000	10,000	10,000	10,000	83,800	820	16,000	16,000	1,000,000
New Jersey.....	1,000	5,800	1,000	1,000	1,000	1,000	8,938	20,000	100	1,000	1,000	1,000,000
Pennsylvania.....	2,000	9,900	2,000	4,000	1,000	1,000	17,854	35,500	200	2,000	2,000	1,000,000
East North Central.....	12,000	4,600	6,000	20,000	10,000	10,000	90,115	171,762	2,410	12,000	12,000	1,000,000
Ohio.....	2,000	2,000	2,000	10,000	10,000	10,000	17,247	33,468	170	2,000	2,000	1,000,000
Indiana.....	3,000	1,000	3,000	10,000	10,000	10,000	24,000	42,000	100	3,000	3,000	1,000,000
Illinois.....	3,000	16,000	3,000	10,000	10,000	10,000	28,860	55,688	1,000	3,000	3,000	1,000,000
Michigan.....	2,100	1,200	2,100	10,000	10,000	10,000	14,300	26,261	480	2,100	2,100	1,000,000
Wisconsin.....	700	3,400	700	10,000	2,200	5,108	1,000	10,700	140	700	700	1,000,000
West North Central.....	2,000	10,900	2,000	4,100	1,600	1,997	16,974	37,860	500	2,000	2,000	1,000,000
Minnesota.....	150	2,000	400	800	3,100	3,100	3,100	7,771	100	150	150	1,000,000
Iowa.....	600	2,900	500	1,000	2,100	4,557	4,578	9,790	100	600	600	1,000,000
Missouri.....	810	2,854	689	1,200	2,000	4,836	4,711	12,330	134	810	810	1,000,000
South Atlantic.....	16,632	34,102	4,290	27,724	42,110	91,297	11,732	190,484	3,701	16,632	16,632	1,000,000
Maryland.....	908	2,824	727	1,000	2,600	5,037	5,049	10,729	100	908	908	1,000,000
Virginia.....	1,489	5,141	1,301	2,580	3,900	9,646	9,743	20,000	100	1,489	1,489	1,000,000
West Virginia.....	264	733	221	700	1,200	1,200	1,200	2,326	20	264	264	1,000,000
North Carolina.....	10,868	3,500	9,220	10,000	2,000	61,000	61,122	125,988	2,400	10,868	10,868	1,000,000
South Carolina.....	362	428	206	300	308	732	730	1,414	40	362	362	1,000,000
Georgia.....	1,680	5,577	1,424	2,976	4,156	8,300	8,495	17,513	222	1,680	1,680	1,000,000
Florida.....	1,061	3,551	889	1,689	2,611	5,356	5,386	11,623	152	1,061	1,061	1,000,000
East South Central.....	7,479	23,022	6,260	12,400	17,320	40,200	43,108	94,000	2,000	7,479	7,479	1,000,000
Kentucky.....	948	3,075	788	1,642	2,367	5,331	5,450	10,700	220	948	948	1,000,000
Tennessee.....	4,329	13,669	3,728	7,200	10,485	21,832	22,403	50,000	934	4,329	4,329	1,000,000
Alabama.....	368	972	331	600	1,017	1,989	2,015	4,100	42	368	368	1,000,000
Mississippi.....	1,834	5,306	1,413	2,844	3,651	13,124	13,240	28,500	822	1,834	1,834	1,000,000
West South Central.....	5,076	16,887	4,293	8,278	12,822	29,358	29,400	61,706	808	5,076	5,076	1,000,000
Arkansas.....	1,357	4,367	1,185	1,986	3,362	7,176	7,161	16,714	152	1,357	1,357	1,000,000
Texas.....	3,160	10,812	2,639	4,441	8,203	18,974	19,155	38,501	630	3,160	3,160	1,000,000
Mountain.....	716	2,746	629	1,302	2,197	4,126	4,111	9,000	100	716	716	1,000,000
Colorado.....	290	1,186	256	474	938	1,780	1,791	3,990	35	290	290	1,000,000
Utah.....	282	1,092	249	589	887	1,627	1,603	3,632	21	282	282	1,000,000
Pacific.....	7,595	34,567	6,406	12,453	27,220	55,351	55,729	111,214	1,700	7,595	7,595	1,000,000
Washington.....	440	1,662	339	587	1,227	2,484	2,490	4,913	31	440	440	1,000,000
Oregon.....	492	2,214	430	852	1,714	3,713	3,720	7,200	17	492	492	1,000,000
California.....	6,663	30,690	5,637	11,014	24,279	49,154	49,912	99,101	1,600	6,663	6,663	1,000,000

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

Table 3.—QUANTITY AND VALUE OF WOOD HOUSEHOLD FURNITURE, UPHOLSTERED, SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954  
 (Includes quantity and value of these products reported not only by establishments classified in the Wood Household Furniture, Upholstered Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (number of units)	Value (\$1,000)	Quantity (number of units)	Value (\$1,000)
2512—	Wood household furniture, upholstered, total.....	xxx	906,566	xxx	690,284
25121—	Wood household furniture, upholstered, except dual purpose sleep furniture.....	xxx	682,166	xxx	507,969
2512112	Sofas, daynports, settees and love seats.....	2,050	206,740	xxx	468,833
2512132	Chairs (except reclining).....	6,894	220,810		
2512141	Sectional sofa pieces (including pieces seating one person)...	1,644	123,867		
2512196	Chairs, sectional sofas, and sofas (not specified by kind)....	xxx	117,628		
2512145	Rockers.....	1,434	42,490	373	19,519
2512151	Reclining chairs.....	707	29,809		
2512172	Bedroom chairs, benches, and chaise lounges.....	187	5,099		
2512198	Other upholstered wood household furniture.....	xxx	10,804		
2512100	Wood household furniture, upholstered, except dual purpose sleep furniture, not specified by kind.....	xxx	124,919	xxx	(2)
25122—	Convertible sofas.....	xxx	75,463	794	73,654
2512221	From purchased mattresses (including interplant transfers)....	416	42,749	(NA)	(NA)
2512231	From mattresses produced at this location.....	262	30,185	(NA)	(NA)
2512200	Convertible sofas, not specified by kind.....	xxx	12,529	xxx	(2)
2512311	Jackknife sofa beds.....	1,006	51,314	660	34,905
2512411	Studio couches:	340	16,871	{	15,958
	Quantity reported.....				
	Quantity not reported.....			xxx	2,791
2512511	Chair beds:	(NA)	2,514	{	3,073
	Quantity reported.....				
	Quantity not reported.....			xxx	667
2512611	Wood furniture frames for upholstered household furniture.....	xxx	36,158	xxx	31,247
2512000	Wood household furniture, upholstered, not specified by kind....	xxx	42,080	xxx	20,020

NA Not available.

xxx Not applicable.

<sup>1</sup>Accounted for by small establishments that were asked to report a break down of their total shipments by major categories only.

<sup>2</sup>Included in "Wood household furniture, upholstered, not specified by kind" in 1954.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-25A-3

### METAL HOUSEHOLD FURNITURE INDUSTRY

(Industry Code 2514--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Metal Household Furniture Industry shipped products valued at \$499 million, an increase of 21 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 3 percent from 1954 to 1958 to a total of 30.5 thousand employees in 1958. Value added by manufacture in the industry amounted to \$218 million in 1958, an increase of 13 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE METAL HOUSEHOLD FURNITURE INDUSTRY IN THE UNITED STATES: 1954 AND 1958

Standard Industrial Classification Code 2514

Item	Unit of measure	1954	1958	Percent change 1954 to 1958
All employees:				
Number.....	Thous.....	27.1	28.4	5
Payroll.....	Millions of \$.....	1,044	1,174	12
Production workers:				
Number.....	Thous.....	24.4	25.8	6
Man-hours.....	Millions of hours.....	4.1	4.3	5
Ages.....	Millions of 100's.....	3.1	3.2	3
Value added by manufacture, unadjusted <sup>1</sup> .....	Millions of \$.....	193.3	225.0	16
Value added by manufacture, adjusted <sup>2</sup> .....	Millions of \$.....	193.3	225.0	16
Cost of materials, fuel, electricity, and contract work <sup>3</sup> .....	Millions of \$.....	193.3	225.0	16
Value of shipments <sup>4</sup> .....	Millions of \$.....	411.1	499.0	21
Capital expenditures, new.....	Millions of \$.....	1.7	2.0	18
Number of establishments with 20 or more employees <sup>5</sup> .....	Number.....	271	291	7

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of unadjusted value added, plus the difference resulting from the purchase and resale of products without further manufacture, processing, reworking, plus or minus the net change in finished products and work-in-progress inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resaler for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The metal Household Furniture Industry includes establishments engaged primarily in the manufacture of Metal Household Furniture of a type commonly used in dwellings, whether padded, upholstered, or plain. Establishments primarily engaged in manufacturing dual purpose furniture, such as sofa beds, and studio couches are classified in Industry 2512, Household Furniture, upholstered, regardless of the materials used in the frame. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Metal Household Furniture Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Metal Household Furniture Industry amounted to \$499 million. Of this total, \$427 million were products primary to the industry, \$57 million were products primary to other industries, and \$15 million were receipts for miscellaneous activities. The industry

shipments of primary products represented 88 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 87 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$481 million of Metal Household Furniture were shipped by all producers of these products. Of this total, \$427 million, or 89 percent, were shipped by plants classified in Industry 2514, Metal Household Furniture while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

3

Table 2.--GENERAL STATISTICS FOR THE METAL WORKING AND FURNITURE INDUSTRIES (S.I.C. CODES 25-34, 35-39) BY REGION AND STATE: 1957 AND 1958

Region and State <sup>1</sup>	1956									1957		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 25 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	12,000	124,347	24,100	480,200	59,100	228,292	117,420	400,000	1,000	291	29,000	190,000
Burlington.....	1,200	4,000	1,000	2,000	3,400	4,700	5,600	10,000	200	1	1,300	3,000
Middle Atlantic.....	3,000	34,000	2,000	14,000	20,000	49,700	40,000	100,000	1,000	87	8,000	40,000
New York.....	2,000	10,000	1,000	6,000	11,000	20,000	20,000	60,000	600	44	4,000	24,000
New Jersey.....	1,000	2,000	500	1,000	1,000	3,800	3,800	9,400	80	11	1,000	3,000
Pennsylvania.....	1,000	1,000	1,000	6,000	12,000	29,000	20,000	61,000	600	32	3,000	17,000
East North Central.....	11,000	11,000	8,000	16,000	34,000	89,000	88,000	197,440	2,000	79	13,000	94,000
Ohio.....	1,000	3,000	1,000	3,000	3,000	14,000	13,000	37,000	300	16	300	17,000
Indiana.....	2,000	12,000	2,000	3,000	3,000	24,000	24,000	47,000	900	12	4,000	32,000
Illinois.....	6,000	23,000	3,000	7,000	10,000	36,302	36,777	86,552	700	40	4,800	33,174
Michigan.....	1,000	5,000	900	1,000	3,000	10,912	11,231	19,830	100	9	1,100	9,120
Wisconsin.....	1,000	5,000	1,000	2,000	4,000	9,202	9,451	23,276	100	8	1,200	6,980
South Atlantic.....	2,000	7,000	2,000	4,000	6,000	14,323	14,505	37,421	400	30	2,200	10,499
Florida.....	1,000	2,000	900	1,000	2,252	4,000	4,980	12,638	200	7	700	2,918
East South Central.....	1,000	5,000	1,000	2,000	4,000	10,600	10,769	28,000	300	14	1,200	6,579
Kentucky.....	600	2,000	500	1,000	1,000	4,802	4,716	12,979	100	6	300	2,816
Tennessee.....	300	900	200	500	600	1,826	1,959	6,310	100	3	400	2,729
West South Central.....	900	3,000	900	1,000	2,367	6,078	6,309	15,428	100	12	500	2,780
Pacific.....	2,000	10,000	2,000	4,000	8,181	19,693	20,161	43,094	500	25	2,200	15,300
California.....	2,000	10,000	1,900	4,000	7,889	19,124	19,684	41,720	500	24	2,099	14,910

<sup>1</sup> Figures for the United States and for the regions are not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this case, because the industry was of relatively minor economic importance in the State. (Additional publication details will appear in the final Census report on this industry.)

<sup>2</sup> Value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of

materials, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of the year.

<sup>3</sup> "Value added by manufacture" is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of

materials, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of the year.

<sup>4</sup> "Value of shipments" is the sum of (a) unadjusted value of shipments, plus (b) the difference resulting from the purchase and resale of

materials, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of the year.

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF METAL HOUSEHOLD FURNITURE SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Metal Household Furniture Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 units)	Value (\$1,000)	Quantity (1,000 units)	Value (\$1,000)
2514—	Metal household furniture, total.....	xxx	480,650	xxx	416,172
25141--	Metal household dining, dinette, and breakfast furniture.....	xxx	139,527	xxx	127,028
2514111	Tubular metal (including chairs whether padded or plain)				
2514115	Sets (table and 4 chairs).....	2,154	101,199	1,423	72,178
2514117	Tables (not sold with a set).....	342	8,590	682	16,227
2514198	Chairs (not sold with a set).....	2,340	14,224	3,728	19,319
2514100	Other nonupholstered metal dining, dinette, and breakfast furniture, not elsewhere classified.....	xxx	6,323	xxx	19,304
	Metal dining dinette and breakfast furniture, not specified by kind.....	xxx	29,191	xxx	1xxx
25142--	Metal kitchen furniture (tables, stools, base and wall cabinets, etc. - excluding breakfast furniture).....	xxx	88,671	xxx	114,813
2514211	Cabinets, such as base, top and base, wall, utility, etc.....	xxx	65,335	xxx	101,454
2514251	Chairs and stools (including padded).....	2,161	12,721	2,506	12,440
2514271	Tables (including hostess carts).....	752	7,182	95	919
2514200	Metal kitchen furniture, not specified by kind.....	xxx	23,433	xxx	1xxx
25143--	Metal porch, lawn, and other outdoor furniture.....	xxx	90,745	xxx	54,940
	Porch, lawn and beach furniture (including steamer and deck chairs):				
2514311	Chairs, rockers, benches, chaise lounges, and settees.....	10,247	72,190	xxx	35,226
2514351	Gliders, swings and hammocks.....	xxx	5,767	xxx	9,188
2514398	Other metal porch, lawn and beach furniture.....	xxx	8,049	xxx	10,526
2514300	Metal porch, lawn and other outdoor furniture, not specified by kind.....	xxx	24,739	xxx	1xxx
25144--	Metal beds and cots (excluding mattresses and bedsprings and hospital beds).....	xxx	16,429	xxx	13,757
2514431	Folding cots and rollable cots, including army cots.....	688	6,822	1,029	8,234
2514435	Other metal beds.....	(NA)	6,695	690	5,523
2514400	Metal beds and cots, (except hospital beds) not specified by kind.....	xxx	2,912	xxx	1xxx
25145--	Other metal household furniture.....	xxx	121,044	xxx	93,170
2514511	Upholstered living room and sunroom furniture (excluding dual-purpose units listed under, "wood household furniture, upholstered").....	xxx	7,837	xxx	9,947
2514519	Other upholstered metal furniture.....	xxx	3,984	xxx	8,869
2514519	Miscellaneous metal household furniture				
2514571	Card tables and chairs.....	xxx	23,231	...	19,401
2514575	Medicine wall cabinets.....	...	...	...	...
	Quantity reported.....	2,479	21,368	1,750	18,432
	Quantity not reported.....	xxx	3,314	xxx	2,670
2514598	Other metal household furniture, including metal radio, phonograph, TV, and Hi-Fi cabinets, infants' high chairs and tables.....	xxx	356,399	xxx	333,831
2514500	Other metal household furniture, not specified by kind.....	xxx	24,911	xxx	1xxx
2514000	Metal house furniture, not specified by kind.....	xxx	24,234	xxx	12,464

xxx Not applicable.

NA Not available.

<sup>1</sup>In 1954, these figures were included in "Metal Household Furniture, not specified by kind" (code 2514000).

<sup>2</sup>Largely accounted for by small establishments, that were asked to report a breakdown at their shipments by product class only.

<sup>3</sup>Includes an indeterminate amount of metal bed frames.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1959

MC(P)-25A-4

### MATTRESSES AND BEDSPRINGS INDUSTRY

(Industry Code 2515--SIC system in use through 1957)

Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Mattresses and Bedsprings Industry shipped products valued at \$470 million, a decrease of 1 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 21 percent from 1954 to 1958, to a total of 25.4 thousand employees in 1958. Value added by manufacture in the industry amounted to \$201 million in 1958, a decrease of 1 percent from 1954 when the previous census was

taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE MATTRESSES AND BEDSPRINGS INDUSTRY IN THE UNITED STATES: 1958 and 1954  
(Standard Industrial Classification Code 2515)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
Shipments	Thousands.....	39.4	33.1	+19
	Million dollars...	468.3	431.5	+9
Value added by manufacture	Thousands.....	19.7	19.1	+3
	Millions.....	38.6	37.0	+4
	Million dollars...	71.5	84.6	-16
Value added by manufacture, unadjusted <sup>2</sup>	..do.....	199.5	16.4	+6
Value added by manufacture, adjusted <sup>3</sup>	..do.....	201.4	218.3	-6
Cost of materials, fuel, electricity, and contract work <sup>4</sup>	..do.....	266.9	252.7	+5
Value added by manufacture, net <sup>5</sup>	..do.....	470.3	478.3	-1
Shipments with 20 or more employees <sup>6</sup>	..do.....	6.6	5.3	+24
Number	Number.....	288	266	+8

<sup>1</sup> Figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not included in 1954, they will be covered in separate reports.

<sup>2</sup> Value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of goods without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the first and last of year.

<sup>3</sup> Value added by manufacture for resale without further manufacture, processing, or assembly.

<sup>4</sup> Excludes value added by manufacture for resale without further manufacture, processing, or assembly.

<sup>5</sup> Excludes value added by manufacture for resale without further manufacture, processing, or assembly.

<sup>6</sup> For Number of establishments with 20 or more employees, the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Mattresses and Bedsprings Industry includes establishments engaged primarily in the manufacture of mattresses, assembled wire springs for use on beds, couches, and cots; and spring cushions. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Mattresses and Bedsprings Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Mattresses and Bedsprings Industry amounted to \$470 million. Of this total, \$384 million were products primary to the industry, \$65 million were products primary to other industries, and \$21 million were receipts for miscellaneous activities. The industry shipments of primary products represented 86 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 77 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$424 million of mattresses and bedsprings were shipped by all producers of these products. Of this total, \$384 million, or 91 percent, were shipped by plants classified in Industry 2515, Mattresses and Bedsprings, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.





## 1958 CENSUS OF MANUFACTURES

Table 3.--QUANTITY AND VALUE OF MATTRESSES AND BEDSPRINGS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Mattresses and Bedsprings Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 units)	Value (\$1,000)	Quantity (1,000 units)	Value (\$1,000)
2515--	Mattresses and bedsprings, total <sup>1</sup> .....	xxx	424,122	xxx	385,981
25151--	Mattresses, including pads for cribs and infants' baskets.....	xxx	257,247	xxx	249,554
2515101	Spring cushions.....	(NA)	5,752	...	( <sup>2</sup> )
	Innerspring mattresses including those with rubber or latex topper pads and those sold as parts of hollywood beds:				
2515111	For cribs.....	1,600	12,104	964	8,188
2515115	For other beds.....	7,863	181,845	7,953	182,933
2515110	Innerspring, mattresses, not specified by kind.....	xxx	38,508	xxx	xxx
2515131	Rubber or latex core mattresses (excluding foam rubber cores sold uncovered).....	629	24,099	621	25,349
	Other mattresses and pads (excluding quilted cotton mattress protectors):				
2515141	For cribs and infants' baskets.....	xxx	xxx	xxx	11,665
	Quantity reported.....	1,655	4,474	2,062	9,686
	Quantity not reported.....	xxx	1,145	xxx	1,969
2515145	For other beds.....	xxx	6,277	xxx	19,255
	Quantity reported.....	xxx	xxx	1,232	17,269
	Quantity not reported.....	xxx	xxx	xxx	1,986
2515197	Other mattresses and pads.....	xxx	3,000	xxx	2,164
2515198	Mattresses and pads, not specified by kind.....	xxx	310,043	xxx	xxx
2515100					
25152--	Bedsprings.....	xxx	151,549	xxx	124,021
2515211	Box springs, including those sold with or without legs and as parts of hollywood beds.....	5,914	127,268	xxx	95,206
	Quantity reported.....	xxx	xxx	4,460	90,911
	Quantity not reported.....	xxx	xxx	xxx	4,295
2515231	Coil springs.....	(NA)	5,339	xxx	20,428
	Quantity reported.....	xxx	xxx	2,157	17,079
	Quantity not reported.....	xxx	xxx	xxx	3,349
2515251	Flat springs.....	xxx	xxx	xxx	6,369
	Quantity reported.....	725	5,421	1,039	5,097
	Quantity not reported.....	xxx	406	xxx	1,272
2515271	Hospital bedsprings, gatch, and other types.....	xxx	8,370	xxx	2,018
2515200	Bedsprings not specified by kind.....	xxx	34,745	xxx	xxx
2515000	Mattresses and bedsprings, not specified by kind.....	xxx	15,326	xxx	12,406

NA Not available.

xxx Not applicable.

<sup>1</sup>Monthly estimates of Mattresses and Bedsprings shipments for 1958 (totals for which closely approximate the 1958 Census) are available from the Facts for Industry Series M25E-08: Mattresses and Bedsprings Summary for 1958.

<sup>2</sup>In 1954, included with mattresses and bedsprings, not specified by kind (code 2515000).

<sup>3</sup>Accounted for largely by small establishments who were required to report value of shipments by product class only.

<sup>4</sup>Included in mattresses and bedsprings not specified by kind in 1954.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1959

MC(P)-25B-1

### WOOD OFFICE FURNITURE INDUSTRY

(Industry Code 2521--SIC system in use through 1957)

Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Wood Office Furniture Industry shipped products valued at \$23.7 million, an increase of 30 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry increased by 6 percent from 1954 to 1958, to a total of 5.8 thousand employees in 1958. Value added by manufacture in the industry amounted to \$39 million in 1958, an increase of 35 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

— MANUFACTURES OF THE WOOD OFFICE FURNITURE INDUSTRY, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2521)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All products shipped	Thousands.....	5.8	5.5	+6
Value of shipments	Million dollars...	23.7	18.8	+26
Value added by manufacture, unadjusted <sup>2</sup>	Thousands.....	2.0	4.8	+4
Value added by manufacture, adjusted <sup>3</sup>	Millions.....	10.1	9.7	+4
Value of shipments, net	Million dollars...	17.8	14.6	+22
Value added by manufacture, unadjusted <sup>2</sup>	...do.....	38.9	18.8	+35
Value added by manufacture, adjusted <sup>3</sup>	...do.....	38.6	29.1	+33
Value of shipments, net	...do.....	24.7	14.0	+24
Value of shipments, net	...do.....	63.7	52.7	+30
Number of establishments with 20 or more employees	...do.....	18	16	+33
Number of establishments with 20 or more employees	Number.....	57	50	+14

<sup>1</sup> Figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not included in the 1954 census, figures are not shown for these States.

<sup>2</sup> Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup> Value added by manufacture in the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup> Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup> For explanation see text under "Value of shipments."

<sup>6</sup> For "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments with 20 or more employees classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Wood Office Furniture Industry includes establishments engaged primarily in the manufacture of wood office furniture, whether padded, upholstered or plain. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Wood Office Furniture Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Wood Office Furniture Industry amounted to \$69 million. Of this total, \$58 million were products primary to the industry, \$8 million were products primary to other industries, and \$3 million were receipts for miscellaneous activities. The industry shipments of primary products represented 84 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 86 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total

value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$68 million of Wood Office Furniture were shipped by all producers of these products. Of this total, \$58 million, or 85 percent, were shipped by plants classified in Industry 2521, Wood Office Furniture while the remainder was shipped by plants classified in other industries.

### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these report and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## Table 2.—GENERAL STATISTICS FOR THE WOOD OFFICE FURNITURE INDUSTRY: U.S.: 1962. (Continued) (In thousands of dollars)

Table 2.—GENERAL STATISTICS FOR THE WOOD OFFICE FURNITURE INDUSTRY: U.S.: 1962. (Continued) (In thousands of dollars)

Region and State <sup>1</sup>	1956										1957	
	All employees		Production workers			Value added by manufacture		Value of shipments	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	5,854	23,679	4,986	10,120	6,755	38,881	38,630	60,744	34	57	1,560	1,577
Northeast.....	1,877	7,911	1,584	3,243	6,040	12,847	12,697	21,658	268	22	1,879	9,976
New York.....	1,202	5,751	1,003	2,101	4,325	9,920	9,637	16,087	216	24	1,398	8,143
East North Central.....	2,157	8,911	1,824	3,665	6,705	14,482	14,472	25,193	360	28	4,018	10,771
Indiana.....	1,039	3,883	914	1,805	3,117	6,672	6,703	11,924	79	10	1,015	5,772
Michigan.....	426	2,165	390	777	1,530	3,375	3,329	5,710	227	3	453	2,921
Wisconsin.....	339	1,349	288	574	1,008	2,013	1,911	3,503	26	2	143	667
South.....	1,341	4,519	1,167	2,404	3,338	7,841	7,914	15,038	132	10	1,221	5,562
North Carolina.....	1,052	3,548	914	1,889	2,550	6,311	6,388	12,315	118	5	1,034	4,772

Table 3.—QUANTITY AND VALUE OF WOOD OFFICE FURNITURE SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1959

(Includes quantity and value of these products reported not only by establishments classified in the Wood Office Furniture Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (number of units)	Value (\$1,000)	Quantity (number of units)	Value (\$1,000)
2521--	Wood office furniture, total.....	xxx	68,269	xxx	5,396
25211	Chairs, stools, couches, etc., including upholstered.....	xxx	23,934	xxx	20,494
252111	Chairs and stools (including upholstered):				
	Quantity reported.....	599,257	18,918	597,133	12,414
	Quantity not reported.....	xxx	1,358	xxx	4,844
2521151	Sofas, couches, settees, etc., (including upholstered).....	21,524	2,521	33,600	2,136
2521198	Chairs, stools and couches, n.e.c. and not specified by kind..	xxx	1,137	xxx	(2)
2521100					
2521199					
25212	Desks.....		25,189	xxx	17,966
2521213	Desks (including modular units):				
2521253	Executive type (over 60" width).....	91,232	11,946	175,223	14,013
	Clerical and secretarial (60" width and under) (with type- writer mechanism and all other):				
	Quantity reported.....	122,361	10,666	51,677	3,498
	Quantity not reported.....	xxx	262	xxx	455
2521200	Desks not specified by kind.....	xxx	12,315	xxx	(2)
2521310	Cabinets and cases (including file cabinets).....	xxx	6,580	xxx	4,432
2521410	Other wood office furniture.....	xxx	8,239	xxx	8,037
2521000	Wood office furniture, not specified by kind.....	xxx	4,327	xxx	1,467

xxx Not applicable.

<sup>2</sup>Largely accounted for by shipments of small establishments that were asked to report a breakdown of their total shipments by product class only.

<sup>2</sup>Included in wood office furniture, not specified by kind (2521000) in 1954.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1960

MC(P)-25B-2

### METAL OFFICE FURNITURE INDUSTRY

(Industry Code 2522--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Metal Office Furniture Industry shipped products valued at \$277 million, an increase of 37 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 9 percent from 1954 to 1958 to a total of 17.5 thousand employees in 1958. Value added by manufacture in the industry amounted to \$171 million in 1958, an increase of 33 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE METAL OFFICE FURNITURE INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2522)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
<b>All employees:</b>				
Number.....	Thousands.....	17.5	16.1	+9
Payroll.....	Million dollars...	86.0	66.0	+30
<b>Production workers:</b>				
Number.....	Thousands.....	13.9	13.4	+4
Man-hours.....	Millions.....	27.0	26.8	+1
Wages.....	Million dollars...	62.8	51.5	+22
Value added by manufacture, unadjusted <sup>2</sup> .....	..dO.....	170.0	125.8	+
Value added by manufacture, adjusted <sup>3</sup> .....	..dO.....	170.8	128.1	+
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..dO.....	108.9	77.1	+41
Value of shipments <sup>5</sup> .....	..dO.....	277.0	202.9	+37
Capital expenditures, new.....	..dO.....	5.3	4.7	+13
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	88	77	+14

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Metal Office Furniture Industry Includes establishments engaged primarily in the manufacture of metal office furniture, whether padded, upholstered or plain. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Metal Office Furniture Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Metal Office Furniture Industry amounted to \$277 million. Of this total, \$240 million were products primary to the industry, \$21 million were products primary to other industries, and \$16 million were receipts for miscellaneous activities. The industry shipments of primary products represented 87 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 84 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$274 million of Metal Office Furniture were shipped by all producers of these products. Of this total, \$240 million, or 88 percent, were shipped by plants classified in Industry 2522 Metal Office Furniture while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these report and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.







# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1960

MC (P)-25B-3

### PROFESSIONAL FURNITURE INDUSTRY

(Industry Code 2532--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Professional Furniture Industry shipped products valued at \$104 million, an increase of 53 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 35 percent from 1954 to 1958 to a total of 7.4 thousand employees in 1958. Value added by manufacture in the industry amounted to \$58 million in 1958, an increase of 66 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE PROFESSIONAL FURNITURE INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2532)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
<b>All employees:</b>				
Number.....	Thousands.....	7.4	5.5	+35
Payroll.....	Million dollars...	36.2	23.1	+57
<b>Production workers:</b>				
Number.....	Thousands.....	5.5	4.2	+31
Man-hours.....	Millions.....	11.2	8.8	+13
Wages.....	Million dollars...	24.1	15.8	+15
Value added by manufacture, unadjusted <sup>2</sup> .....	..dO.....	57.9	38.2	+66
Value added by manufacture, adjusted <sup>3</sup> .....	..dO.....	57.9	38.2	+66
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..dO.....	45.4	27.2	+66
Value of shipments <sup>5</sup> .....	..dO.....	103.7	67.9	+53
Capital expenditures, new.....	..dO.....	1.4	1.0	+40
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	50	39	+28

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Professional Furniture Industry includes establishments engaged primarily in the manufacture of furniture especially designed for laboratory, hospital, and other professional uses, such as laboratory work tables, operating tables, and hospital beds. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Professional Furniture Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Professional Furniture Industry amounted to \$104 million. Of this total, \$80 million were products primary to the industry, \$20 million were products primary to other industries, and \$4 million were receipts for miscellaneous activities. The industry shipments of primary products represented 77 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 81 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$105 million of Professional Furniture were shipped by all producers of these products. Of this total, \$78 million, or 74 percent, were shipped by plants classified in Industry 2532, Professional Furniture, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 CENSUS OF MANUFACTURES

GENERAL STATISTICS FOR THE PROFESSIONAL FURNITURE INDUSTRY

Region and State <sup>1</sup>	1958									1957		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup>	Adjusted <sup>3</sup>					
United States, total.....	7,443	36,247	5,479	11,188	24,132	57,880	57,899	103,656	1,377	10	1,526	18,220
Middle Atlantic.....	1,496	7,808	1,141	2,412	5,473	13,021	11,168	25,104	191	14	1,505	11,220
New York.....	1,296	6,982	966	2,113	4,819	11,561	11,737	22,731	156	10	1,231	8,675
East North Central.....	4,374	21,454	3,154	6,294	14,030	33,421	33,298	57,514	798	18	3,160	27,663
Ohio.....	261	1,145	200	407	762	2,007	2,098	3,518	246	4	249	1,423
Michigan.....	875	4,502	593	1,212	2,698	7,848	8,094	14,146	151	2	1,303	9,955
West North Central.....	647	3,220	448	920	2,012	5,299	5,091	8,794	82	5	542	3,367
South.....	750	2,997	595	1,294	2,038	4,736	4,866	9,651	276	7	143	668

<sup>1</sup>Each producing State not shown separately in the above table was withheld, either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchases and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--QUANTITY AND VALUE OF PROFESSIONAL FURNITURE SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Professional Furniture Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (number of units)	Value (\$1,000)	Quantity (number of units)	Value (\$1,000)
2532--	Professional Furniture, total.....	xxx	105,397	xxx	76,129
	Hospital furniture (excluding operating equipment and instruments):				
2532011	Beds (all types except bassinets).....	(NA)	8,336	146,056	4,315
2532015	Operating room furniture, including tables, cases, cabinets, etc.....	xxx	7,250	xxx	6,445
2532019	Other (cabinets, cases, desks, tables, bassinets, chart racks, back rests, etc.).....	xxx	24,993	xxx	23,418
	Laboratory Furniture				
	Cabinets and cases:				
2532031	Wood.....	xxx	26,471	xxx	16,999
2532041	Metal.....	xxx	21,918	xxx	16,292
2532098	Other (tables, stools, reagent shelves, etc.).....	xxx	9,460	xxx	5,088
2532000	Professional furniture, except beauty and barber shop not specified by kind.....	xxx	16,969	xxx	13,572

NA Not available.

xxx Not applicable.

<sup>1</sup>Largely accounted for by small establishments which were not able to provide a breakdown of their shipments.

**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-25E-4

### PUBLIC-BUILDING FURNITURE INDUSTRY

(Industry Code 2531—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Public-Building Furniture Industry shipped products valued at \$206 million, an increase of 26 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 13 percent from 1954 to 1958 to a total of 15,8 thousand employees in 1958. Value added by manufacture in the industry amounted to \$111 million in 1958, an increase of 23 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuel, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by other, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE PUBLIC-BUILDING FURNITURE INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2531)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	15.8	14.0	+13
Payroll.....	Million dollars...	68.5	52.6	+30
Production workers:				
Number.....	Thousands.....	12.5	11.6	+8
Man-hours.....	Millions.....	25.8	24.1	+7
Wages.....	Million dollars...	47.7	38.9	+23
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	103.0	87.4	+24
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	111.1	90.2	+23
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	97.4	75.4	+29
Value of shipments <sup>5</sup> .....	..do.....	206.3	163.8	+26
Capital expenditures, BEW.....	..do.....	4.9	3.8	+29
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	143	119	+20

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Public-Building Furniture Industry includes establishments engaged primarily in the manufacture of furniture for schools, theaters, assembly halls, churches, and libraries, and in manufacturing seats for public conveyances. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Public-Building Furniture Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Public-Building Furniture Industry amounted to \$206 million. Of this total, \$161 million were products primary to the industry, \$36 million were products primary to other industries, and \$9 million were receipts for miscellaneous activities. The industry shipments of primary products represented 82 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 83 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$216 million of Public-Building Furniture were shipped all by producers of these products. Of this total, \$161 million, or 75 percent, were shipped by plants classified in Industry 2531, Public-Building Furniture while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 TRENDS OF MANUFACTURING

STATISTICAL SERVICE BUREAU OF ECONOMIC ANALYSIS, U.S. DEPARTMENT OF COMMERCE

Region and State <sup>1</sup>	1958										1957	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>3</sup>	Capital expenditures, new	No. of establishments with 25 or more employees <sup>4</sup>	All employees, number	Value added by manufacture, unadjusted <sup>5</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>2</sup> (\$1,000)					
United States, total.....	15,776	68,529	15,462	25,758	47,714	138,039	111,800	136,340	4,899	143	15,776	138,039
New England.....	811	3,967	777	1,224	2,500	6,070	5,337	5,466	2	3	811	6,070
Middle Atlantic.....	1,796	7,942	1,472	3,001	6,166	12,908	13,870	13,690	7	13	1,796	12,908
New York.....	917	4,114	746	1,623	3,116	8,280	9,175	13,746	22	13	917	9,175
East North Central.....	5,113	25,144	4,340	8,286	17,827	44,330	45,610	82,739	1,343	4	5,113	44,330
Illinois.....	505	2,370	438	971	1,893	3,751	3,690	6,569	20	4	505	3,751
Indiana.....	944	4,191	800	1,614	3,113	6,829	6,760	13,655	167	13	944	6,760
Michigan.....	4,607	13,690	1,922	3,607	8,942	26,299	26,839	45,056	590	7	4,607	26,839
West North Central.....	817	3,896	558	1,140	2,503	6,172	6,300	13,549	100	11	817	6,300
South.....	4,937	16,305	4,250	8,708	12,097	13,437	25,205	23,063	1,354	44	4,937	13,437
North Carolina.....	1,785	5,581	1,595	3,267	4,237	7,745	8,200	15,650	184	9	1,785	8,200
Arkansas.....	546	1,842	364	665	933	3,095	3,270	5,885	314	7	546	3,270
Mountain.....	482	1,955	272	524	1,271	2,630	2,820	4,694	7	3	482	2,820
Pacific.....	1,699	9,320	1,193	2,675	5,345	11,923	11,906	23,139	561	14	1,699	11,906

<sup>1</sup>States and District of Columbia not shown separately in this table were included in the "United States, total" to avoid misleading figures for individual regions, in total or for specific industries or areas, or to indicate the industry was not relatively minor economic imports or in the region. Additional figures for the total will appear in the final census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Unadjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase of finished goods for resale without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 25 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 25 employees classified in the industry.

Table 3.—QUANTITY AND VALUE OF PUBLIC BUILDING FURNITURE SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954  
(Includes quantity and value of these products reported not only by establishments classified in the Public-Building Furniture Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (number of units)	Value (\$1,000)	Quantity (number of units)	Value (\$1,000)
2531---	Public building, furniture, total.....	xxx	216,267	xxx	151,370
	School furniture, except stone and concrete:				
	Single pupil units:				
2531012	Desk seat combination with book box (swivel or fixed seat)....	(NA)	13,986	1,130,752	17,286
2531015	Desk seat combination without book box (including study top)...	155,166	2,817		
2531022	Chair desk.....	1,216,736	11,255		
2531024	Tablet arm chair.....	315,187	3,857	1,794,900	16,863
2531029	Other single pupil units (including single pupil table desks)...	860,150	8,458		
2531033	Two or more pupil units (including table desks and tables).....	158,019	3,631		
2531036	Chairs, all purpose (nonfolding).....	2,136,117	12,991	xxx	37,190
2531038	Folding tables and benches (combination).....	126,101	7,290		
2531039	Other school furniture (tables, storage cabinets, factory built, chalk boards, etc.) except stone and concrete.....	xxx	28,769		
2531040	School furniture, not specified by kind.....	xxx	8,637		
	Other public building furniture, except stone and concrete:				
2531041	Seats for public conveyances, automobiles, trucks, aircraft and for school busses.....	(NA)	21,161	xxx	11,191
2531051	Church pews (linear ft.).....	1,949,356	18,164	(NA)	12,593
2531061	Other church furniture (pulpits, altars, lecterns, etc.).....	xxx	7,834	xxx	7,058
	Chairs and seats:				
	Theatre and auditorium:				
2531073	Fixed.....	706,835	11,288	4,670,221	22,654
2531076	Portable-folding chairs, single or ganged.....	4,440,269	16,369		
2531081	Stadium and bleacher seats.....	xxx	7,585		
2531098	Other (tables, benches, seats, etc.).....	xxx	13,053	xxx	10,077
2531000	Public-building furniture, not specified by kind <sup>2</sup> .....	xxx	19,122	xxx	10,163

NA Not available.

xxx Not applicable.

<sup>1</sup>Does not include the "captive" production of manufacturers of motor vehicles and other transportation equipment.

<sup>2</sup>Includes \$3,890,000 of public-building furniture, except school, not specified by kind.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-25B-5

### PARTITIONS AND FIXTURES INDUSTRY

(Industry Code 2541—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Partitions and Fixtures Industry shipped products valued at \$550 million, an increase of 32 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 15 percent from 1954 to 1958 to a total of 38,0 thousand employees in 1958. Value added by manufacture in the industry amounted to \$305 million in 1958, an increase of 29 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE PARTITIONS AND FIXTURES INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2541)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	38.0	33.1	14
Payroll.....	Million dollars...	188.1	142.5	+32
Production workers:				
Number.....	Thousands.....	29.3	26.6	+10
Man-hours.....	Millions.....	58.0	53.1	+9
Wages.....	Million dollars...	131.0	102.1	+28
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	299.0	230.7	+30
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	305.0	236.2	+29
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	247.3	182.2	+36
Value of shipments <sup>5</sup> .....	..do.....	549.8	416.6	+32
Capital expenditures, new.....	..do.....	14.0	7.0	+100
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	428	358	20

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Partitions and Fixtures Industry includes establishments engaged primarily in the manufacture from wood, metal, or other materials, prefabricated partitions, shelving, cabinets, show and display cases, office and store fixtures, and related fabricated products including bar fixtures, telephone booths, butchers' fixtures, lockers, display racks and stands, and store and lunchroom window-backs. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Partitions and Fixtures Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Partitions and Fixtures Industry amounted to \$550 million. Of this total, \$466 million were products primary to the industry, \$51 million were products primary to other industries, and \$33 million were receipts for miscellaneous activities. The industry shipments of primary products represented 90 percent of the total

manufactured product shipments (primary and secondary). The 1954 ratio was 88 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$538 million of partitions and fixtures were shipped by all producers of these products. Of this total, \$466 million, or 86 percent, were shipped by plants classified in Industry 2541, Partitions and Fixtures, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE PARTITIONS AND FURNITURE INDUSTRY (S.I.C. CODE 241) BY REGION AND STATE

Region and State <sup>1</sup>	1958										1957	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>6</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>7</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>4</sup> (\$1,000)					
United States, total.....	38,440	188,666	29,138	57,968	130,957	299,821	295,009	549,774	10,741	428	17,117	18,711
New England.....	1,635	7,621	1,311	2,562	5,642	11,522	11,294	20,157	914	25	1,911	2,457
Massachusetts.....	785	3,672	620	1,178	2,645	5,332	5,452	9,689	511	14	943	1,301
Middle Atlantic.....	10,847	54,226	8,640	17,378	39,835	85,727	87,515	159,807	3,463	132	8,411	12,114
New York.....	7,007	35,32	5,547	11,165	25,900	57,713	54,843	57,460	1,777	78	8,852	11,548
New Jersey.....	935	4,553	734	1,477	3,360	6,942	6,888	12,577	292	1	767	1,552
Pennsylvania.....	2,905	14,141	2,359	4,743	10,575	25,072	25,784	49,768	1,596	37	2,343	15,213
East North Central.....	12,769	65,722	9,490	18,477	43,186	111,710	112,059	202,156	4,255	145	2,361	2,490
Ohio.....	5,267	27,485	3,884	7,039	18,177	46,805	46,846	84,452	1,061	31	1,657	2,443
Indiana.....	781	3,615	612	1,268	2,695	5,887	5,991	11,267	233	5	487	5,478
Illinois.....	3,752	20,026	2,758	5,648	12,855	35,939	36,358	62,508	2,043	39	3,671	28,363
Michigan.....	2,254	11,888	1,625	3,318	7,340	19,325	19,079	36,317	773	21	2,138	14,746
Wisconsin.....	715	2,713	611	1,197	2,119	3,754	3,785	7,512	145	7	485	2,718
West North Central.....	2,293	1,003	1,814	3,567	7,125	15,376	15,057	28,279	544	30	2,337	14,364
Minnesota.....	581	2,550	454	879	1,859	3,772	3,335	7,671	130	10	568	4,027
Missouri.....	1,037	4,523	840	1,628	3,409	6,952	7,008	12,021	166	16	1,213	6,449
Nebraska.....	388	1,692	299	619	1,050	2,693	2,783	5,155	36	2	357	2,250
South Atlantic.....	3,233	14,193	2,236	4,539	8,571	20,430	21,620	38,423	1,117	39	2,615	14,435
Maryland.....	370	1,661	282	600	1,197	2,376	2,475	4,548	118	8	411	2,162
Virginia.....	1,052	5,000	536	1,167	2,010	7,149	7,613	11,872	192	5	1,179	6,007
North Carolina.....	527	2,231	437	926	1,622	3,497	3,733	6,716	60	8	292	2,054
Georgia.....	283	1,085	214	393	716	2,107	2,110	3,670	104	5	204	875
Florida.....	761	3,238	611	1,149	2,424	4,486	4,433	8,573	298	9	311	2,075
East South Central.....	840	3,165	654	1,260	2,201	5,411	5,488	11,673	595	12	743	3,913
Tennessee.....	413	1,640	320	619	1,096	2,877	2,816	6,418	224	4	307	1,732
West South Central.....	1,806	7,610	1,479	2,972	5,722	11,279	12,253	21,454	626	25	1,064	6,309
Texas.....	1,518	6,458	1,255	2,619	4,829	9,640	10,537	18,432	476	21	901	5,430
Mountain.....	482	2,402	393	758	1,832	3,578	3,849	7,160	250	7	325	2,152
Pacific.....	4,135	23,124	3,321	6,462	16,845	33,992	35,874	60,668	2,200	55	2,871	21,318
California.....	3,682	20,766	2,941	5,739	15,038	30,436	32,300	54,480	2,102	49	2,353	17,729

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF PARTITIONS AND FIXTURES SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954  
(Include quantity and value of these products reported not only by establishments classified in the Partitions and Fixtures Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity	Value	Quantity	Value
		(number of units)	(\$1,000)	(number of units)	(\$1,000)
2541----	Partitions and fixtures, total.....	xxx	537,906	xxx	395,284
25411--	Partitions, shelving, and lockers.....	xxx	180,872	xxx	127,414
	Metal:				
2541113	Toilet partitions (pre-fabricated-assembled, or knocked down):	xxx	19,955	{ (1,000 sq. ft.) }	39,096
2541117	Movable (except free standing).....	xxx	37,097		
2541119	Other partitions, including free standing (exclude accordion and folding type doors).....	xxx	9,732		
				15,437	
				(1,000 lin. ft.)	
2541135	Shelving.....	(NA)	63,256	20,389	38,976
	Wood:				
2541141	Partitions (pre-fabricated-assembled or knocked down).....	xxx	11,634	(NA)	5,929
2541145	Shelving and lockers.....	xxx	6,112	xxx	7,045
				(1,000 openings)	
2541155	Lockers, metal.....	(NA)	27,456	2,899	23,873
2541100	Other partitions, shelving, and lockers, not specified by kind	xxx	5,630	xxx	12,495
25412--	Cases, cabinets, counters, and other fixtures, except refrigerated.....	xxx	315,550	xxx	246,760
2541211	Show and display cases (including wall types, and tables, wood	xxx	62,661	xxx	63,625
2541215	Show and display cases (including wall types) and tables, metal.....	xxx	15,667	xxx	12,737
2541231	Cabinets (floor or wall types), wood.....	xxx	26,634	xxx	15,221
2541235	Cabinets (floor or wall types), metal.....	xxx	23,372	xxx	10,116
2541251	Counters, except bank counters, wood.....	xxx	24,685	xxx	12,953
2541255	Counters, except bank counters, metal.....	xxx	8,409	xxx	4,995
2541269	Other (window backs, telephone booths, miscellaneous display fixtures, cashier stands, clothing racks, wood bank counters, etc.).....	xxx	48,178	xxx	97,353
2541279	Other (window backs, telephone booths, miscellaneous display fixtures, cashier stands, clothing racks, metal bank counters, except ornamental work, etc.).....	xxx	35,977		
2541200	Other cases, cabinets, counters and other fixtures, not specified by kind.....	xxx	69,947	xxx	
2541000	Partitions and fixtures, not specified by kind <sup>1</sup> .....	xxx	41,484	xxx	21,110

NA Not available.

xxx Not applicable.

<sup>1</sup>Largely accounted for by small establishments that were not asked to report a break down of total shipments.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-25C-1

### WINDOW SHADES INDUSTRY

(Industry Code 2562—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Window Shades Industry shipped products valued at \$92 million, an increase of 23 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 7 percent from 1954 to 1958 to a total of 4.7 thousand employees in 1958. Value added by manufacture in the industry amounted to \$39 million in 1958, an increase of 30 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE WINDOW SHADES INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2562)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	4.7	4.4	+7
Payroll.....	Million dollars...	21.0	15.6	+35
Production workers:				
Number.....	Thousands.....	3.5	3.4	+3
Man-hours.....	Millions.....	6.7	6.7	...
Wages.....	Million dollars...	12.8	10.6	+21
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	38.6	29.6	+30
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	40.4	31.4	+29
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	50.8	42.9	+18
Value of shipments <sup>5</sup> .....	..do.....	91.7	74.5	+23
Capital expenditures, new.....	..do.....	1.9	0.8	+138
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	26	34	-24

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Window Shades Industry includes establishments engaged primarily in the manufacture of complete window shades, window-shade rollers and fittings, and curtain rods, poles, and fixtures, regardless of materials used. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Window Shades Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Window Shades Industry amounted to \$92 million. Of this total, \$69 million were products primary to the industry, \$8 million were products primary to other industries, and \$15 million were receipts for miscellaneous activities. The industry shipments of primary products represented 80 percent of the total manufactured

product shipments (primary and secondary). The 1954 ratio was 85 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$85 million of the Window Shades Industry products were shipped by all producers of these products. Of this total, \$69 million, or 81 percent, were shipped by plants classified in Industry 2562, Window Shades, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

Table 3.—GENERAL STATISTICS FOR THE WINDOW SHADES INDUSTRY (C.I.C. 3521-3529), BY REGION AND STATE, 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup>	Adjusted <sup>6</sup>	(\$1,000)	(\$1,000)			
United States, total.....	4,692	21,004	3,482	6,708	12,786	38,586	40,402	91,728	1,858	26	4,368	9,686
New England.....	324	1,270	257	477	828	2,030	2,256	4,379	749	3	271	4,447
Middle Atlantic.....	1,304	5,602	932	1,803	3,222	8,831	9,141	25,443	223	7	1,409	8,433
New York.....	1,046	4,581	754	1,452	2,657	7,165	7,250	19,239	176	4	1,115	7,481
East North Central.....	2,555	12,317	1,916	3,709	7,536	24,026	25,285	50,115	744	11	2,396	18,476
Illinois.....	536	2,320	396	765	1,399	3,484	3,459	9,815	42	3	503	5,804
Michigan.....	1,386	7,459	987	1,861	4,264	14,682	16,503	28,746	488	2	958	9,777
Wisconsin.....	265	1,058	210	407	623	1,842	1,783	2,947	51	3	212	1,137

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for "minor" companies in this or related industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publications will appear in the first Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees, classified in the industry).

Table 3.—QUANTITY AND VALUE OF WINDOW SHADES SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Window Shades Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000)	Value (\$1,000)	Quantity (1,000)	Value (\$1,000)
2562--	Window shades and accessories, total.....	xxx	85,160	xxx	69,725
2562012	Window shades, cloth, plastic, paper, etc.....	104,589	2,361	xxx	69,725
2562015	Window shade accessories.....	xxx	7,028		
2562017	Curtain and drapery rods, poles and fixtures fabricated in this plant.....	xxx	33,978		
2562099	Window shades and accessories, not specified by kind.....	xxx	9,649		

xxx Not applicable.

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-25C-2

### WINDOW AND DOOR SCREENS INDUSTRY

(Industry Code 2561—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Window and Door Screens Industry shipped products valued at \$85 million, an increase of 16 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 4 percent from 1954 to 1958 to a total of 4.6 thousand employees in 1958. Value added by manufacture in the industry amounted to \$38 million in 1958, an increase of 16 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE WINDOW AND DOOR SCREENS INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2561)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	4.6	4.4	+4
Payroll.....	Million dollars...	19.7	16.9	+17
Production workers:				
Number.....	Thousands.....	3.7	3.6	+3
Man-hours.....	Millions.....	7.3	7.2	+1
Wages.....	Million dollars...	12.8	11.4	+12
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	37.6	32.6	+15
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	37.8	32.7	+16
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	47.9	39.9	+20
Value of shipments <sup>5</sup> .....	..do.....	84.8	72.9	+16
Capital expenditures, new.....	..do.....	1.3	1.2	+8
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	54	48	+12

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Window and Door Screens Industry includes establishments engaged primarily in the manufacture of window and door screens and weatherstrip, regardless of materials used. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Window and Door Screens Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Window and Door Screens Industry amounted to \$85 million. Of this total, \$63 million were products primary to the industry, \$19 million were products primary to other industries, and \$3 million were receipts for miscellaneous activities. The industry shipments of primary products represented 77 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 73 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$90 million of window and door screens were shipped by all producers of these products. Of this total, \$63 million, or 70 percent, were shipped by plants classified in Industry 2561, Window and Door Screens, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 CENSUS OF MANUFACTURERS

3

Table 2.--GENERAL STATISTICS FOR THE WINDOW AND DOOR SCREENS INDUSTRY (S.I.C. CODE 2544) BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>3</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	4,628	19,689	3,651	7,343	12,788	37,552	37,803	84,816	1,287	5	4,300	41,136
Middle Atlantic.....	721	3,135	583	1,208	2,186	5,25	5,249	11,874	59	10	768	4,896
Pennsylvania.....	486	1,886	400	759	1,474	3,109	2,98	7,254	47	6	573	3,634
East North Central.....	1,387	4,98	886	1,619	3,253	10,27	10,54	22,94	361	11	1,178	9,610
Ohio.....	417	1,892	332	543	1,249	3,97	3,929	8,736	116	5	221	2,297
Illinois.....	469	1,884	522	1,010	1,906	6,009	6,211	13,519	232	6	470	4,109
South Atlantic.....	877	3,130	650	1,242	1,881	4,853	4,711	12,865	223	14	689	4,296
Florida.....	563	2,116	390	749	1,211	2,902	3,227	7,932	172	9	383	2,442
East South Central.....	373	1,427	302	597	859	3,305	3,98	8,156	215	5	375	2,492
West South Central.....	874	3,800	677	1,474	2,447	7,660	7,693	13,932	180	5	747	5,755
Texas.....	302	1,020	253	516	697	1,721	1,740	4,278	75	4	220	955
Pacific.....	395	1,691	313	637	1,177	3,728	3,714	8,045	140	5	430	3,533

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--QUANTITY AND VALUE OF WINDOW AND DOOR SCREENS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

Includes quantity and value of these products reported not only by establishments classified in the Window and Door Screens Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments."

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (\$1,000)	Value (\$1,000)	Quantity (\$1,000)	Value (\$1,000)
2561--- Window and door screens, total.....		xxx	89,98 <sup>4</sup>	xxx	78,402
2561011 Screen doors, wood.....		1,647	3,15	4,280	11,659
2561115 Screen doors, metal.....		49	5,60 <sup>5</sup>	(NA)	2,356
256131 Window screens, wood-frame:					
Quantity reported.....		1,647	4,17 <sup>4</sup>	5,717	3,13 <sup>4</sup>
Quantity not reported.....				xxx	1,308
256136 Window screens, with metal frame, including weatherstrips, metal type.....		4,038	4,000	1,000	31,154
2562001 Weatherstrip, metal.....		NA	17,697	(NA)	14,419
2561000 Screen doors, window screens and weatherstrips, all materials, not specified by kind.....		xxx	12,759	xxx	3,371

xxx Not applicable.

NA Not available.

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-25C-3

### VENETIAN BLINDS INDUSTRY

(Industry Code 2563—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Venetian Blinds Industry shipped products valued at \$94 million, a decrease of 23 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 31 percent from 1954 to 1958 to a total of 6,5 thousand employees in 1958. Value added by manufacture in the industry amounted to \$43 million in 1958, a decrease of 13 percent from 1954 when the previous census was taken.

Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE VENETIAN BLINDS INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2563)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	6.5	9.4	-31
Payroll.....	Million dollars...	22.5	27.3	-18
Production workers:				
Number.....	Thousands.....	4.7	7.3	-36
Man-hours.....	Millions.....	9.2	14.0	-34
Wages.....	Million dollars...	15.5	18.1	-14
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	41.8	47.7	-12
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	43.0	49.5	-13
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	53.0	72.3	-27
Value of shipments <sup>5</sup> .....	..do.....	94.2	122.0	-23
Capital expenditures, new.....	..do.....	1.4	1.9	-26
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	57	87	-34

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Venetian Blinds Industry includes establishments engaged primarily in the manufacture of venetian blinds, regardless of materials used. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary unit which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Venetian Blinds Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Venetian Blinds Industry amounted to \$94 million. Of this total, \$70 million were products primary to the industry, \$16 million were products primary to other industries, and \$8 million were receipts for miscellaneous activities. The industry shipments of primary products represented 81 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 85 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total

value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$77 million of venetian blinds were shipped by all producers of these products. Of this total, \$70 million, or 91 percent, were shipped by plants classified in Industry 2563, Venetian Blinds, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 CENSUS OF MANUFACTURES

Table 1.--GENERAL STATISTICS FOR THE VENETIAN BLIND INDUSTRY, 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup> (\$1,000)	Adjusted <sup>5</sup> (\$1,000)					
United States, total.....	6,482	22,427	4,600	9,210	11,400	11,762	13,300	1,382	11	1,484	17,400	
New England.....	416	1,200	267	508	1,200	2,128	2,639	1,600	4	1,000	2,131	
Massachusetts.....	130	300	80	170	200	2,112	1,989	3,800	14	1,000	2,140	
Middle Atlantic.....	1,300	4,120	1,100	2,115	2,300	4,730	1,300	24,300	34	1,000	1,621	
New York.....	430	1,718	320	650	1,000	3,478	3,228	1,200	3	1,000	1,603	
New Jersey.....	300	1,218	223	445	1,000	2,467	2,782	1,800	10	1,000	1,625	
Pennsylvania.....	570	2,190	460	1,150	1,613	3,604	3,722	2,300	9	1,000	1,333	
East North Central.....	1,000	1,900	300	711	1,100	3,520	3,720	3,000	11	1,000	1,543	
Illinois.....	280	1,810	100	380	1,000	1,300	1,400	3,000	11	1,000	1,332	
West North Central.....	400	1,200	300	610	988	2,251	2,240	1,777	9	1,000	1,500	
Missouri.....	311	1,100	200	400	678	1,668	1,668	1,112	4	1,000	1,500	
South Atlantic.....	2,400	8,300	1,610	3,100	3,763	15,300	15,393	20,000	391	1,000	12,981	
Maryland.....	1,300	4,100	1,200	2,120	4,600	11,600	11,800	2,000	173	1,000	8,233	
West South Central.....	400	1,300	300	693	711	2,800	2,844	6,500	154	1,000	4,200	
Texas.....	368	1,320	280	615	671	2,320	2,199	1,100	131	1,000	3,200	
Pacific.....	500	2,113	450	940	1,400	4,113	4,430	1,400	129	1,000	1,266	
California.....	510	2,258	385	826	1,401	3,501	3,820	8,000	101	854	1,711	

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publication detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of a) unadjusted value added, plus b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

Table 2.--QUANTITY AND VALUE OF VENETIAN BLINDS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Venetian Blinds Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 units)	Value (\$1,000)	Quantity (1,000 units)	Value (\$1,000)
2563---	Venetian blinds, total.....	xxx	11,323	xxx	11,323
25631--	Metal slat venetian blinds.....	xxx	30,000	xxx	30,000
2563111	Steel-slat blinds.....	(NA)	41,11	xxx	41,11
2563151	Aluminum-slat blinds:				
	Quantity reported.....	(NA)	13,080	xxx	13,080
	Quantity not reported.....	(NA)		xxx	
2563199	Metal slat venetian blinds, not specified by type.....	xxx	1,871	xxx	1,871
25632--	Other venetian blinds, including unassembled blinds and parts				
	and porch shades, except canvas.....	(NA)	11,713	xxx	11,713
2563215	Vertical blinds, all types regardless of materials.....	(NA)	1,882	xxx	1,882
2563271	Unassembled venetian blinds, parts, and components fabricated in this plant.....	xxx	12,410	xxx	12,410
2563281	Household porch shades, except canvas.....	xxx	1,000	xxx	1,000
2563298	All other venetian blinds.....	xxx	1,000	xxx	1,000
2563299	Venetian blinds, not specified by kind.....	xxx	1,000	xxx	1,000

xxx Not applicable.

NA Not available.

U. S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

OFFICIAL BUSINESS

Postage and Fees Paid  
U. S. Department of Commerce







# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-26A-1

### BUILDING PAPER AND BOARD MILLS

(Industry Code 2613--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in Building Paper and Board Mills shipped products valued at \$387 million, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a total of 20.4 thousand employees. Value added by manufacture in the industry amounted to \$213 million. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas.

Building Paper and Board Mills include establishments engaged primarily in the manufacture of building paper and building board from wood pulp and other fibrous materials. Pulp mills combined with building paper and building board mills, and not separately reported, are also included in this industry; where separately reported, they are classified in Industry 2611, Pulp Mills. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable fig-



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

ures for 1954 when available. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Building Paper and Board Mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified as Building Paper and Board Mills amounted to \$587 million. Of this total, \$350 million were products primary to the industry, \$21 million were products primary to other industries, and \$16 million were receipts from resale of products. The industry shipments of primary products represented 94 percent of the total manufactured product shipments (primary and secondary).

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$368 million of construction paper, insulating board, and hard pressed wood fiber board were shipped by all producers of these products. Of this total, \$350 million, or 95 percent, were shipped by plants classified in Industry 2613, Building Paper and Board Mills, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of

the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

Table 2.--QUANTITY AND VALUE OF BUILDING PAPER AND BOARD SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958		1954		1958		1954		Value added in manufacture <sup>2</sup>	Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work <sup>3</sup>
	Number of establishments <sup>4</sup>	Payroll (\$1,000)	Number of establishments <sup>4</sup>	Payroll (\$1,000)	Quantity (short tons - air dry)	Value (\$1,000)	Quantity (short tons - air dry)	Value (\$1,000)		
United States, total.....	1,342	1,02,009	1,036	37,336	23,136	368,067	2,900,870	2,892,173	121,131	187,059
Northeast.....	2,741	4,242	2,371	4,760	1,438	118,647	1,428,349	1,422,937	121,131	187,059
New York.....	671	3,223	540	2,400	437	167,184	1,007,632	1,006,218	135,628	155,628
Pennsylvania.....	110	2,469	437	2,400	437	167,184	1,007,632	1,006,218	135,628	155,628
East North Central.....	1,374	1,770	1,170	3,240	7,647	244,789	1,472,521	1,469,236	187,059	187,059
Ohio.....	71	3,240	540	2,400	437	167,184	1,007,632	1,006,218	135,628	155,628
West North Central.....	3,322	18,174	2,950	6,699	14,701	34,749	2,650,209	2,649,684	xxx	xxx
South Atlantic.....	1,311	9,460	1,719	3,472	7,702	1,438	1,428,349	1,422,937	121,131	187,059
East South Central.....	2,138	24,480	4,389	2,400	1,009	47,569	40,435	77,444	xxx	xxx
West South Central.....	1,760	13,298	2,428	2,439	1,438	51,276	32,944	49,444	xxx	xxx
Pacific.....	2,292	12,144	1,950	4,040	9,805	20,597	20,339	44,257	xxx	xxx
Oregon.....	1,409	5,460	885	1,837	2,214	1,438	1,428,349	1,422,937	121,131	187,059

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual establishments or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional percentages will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and sale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 25 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 25 employees classified in the industry.

Table 2.--QUANTITY AND VALUE OF BUILDING PAPER AND BOARD SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

Product code	Product	1958			1954		
		Production for all purposes <sup>1</sup> (in short tons - air dry)	Total shipments including interplant transfers		Production for all purposes <sup>1</sup> (in short tons - air dry)	Total shipments including interplant transfers	
			Quantity <sup>2</sup> (short tons - air dry)	Value (\$1,000)		Quantity <sup>2</sup> (short tons - air dry)	Value (\$1,000)
2613--	Building paper and board, total.....	23,208,940	23,136,694	368,067	2,900,870	2,892,173	308,190
2613112	Construction paper (dry basis before saturating).....	1,452,743	1,449,803	118,647	1,428,349	1,422,937	121,131
26132--	Insulating board and hard:						
2613212	Pressed wood fiber board.....	1,756,197	1,686,891	244,789	1,472,521	1,469,236	187,059
2613214	Insulating board (26 lbs. or less per cu. ft.) (in short tons).....	1,100,190	1,064,067	167,184	1,007,632	1,006,218	135,628
2613252	Hard pressed wood fiber board (over 26 lbs. per cu. ft.) (in short tons).....	2,864,111	2,745,357	xxx	2,650,209	2,649,684	xxx
2613256	Hard pressed wood fiber board (over 26 lbs. per cu. ft.) (thousand sq. ft., 1/8" basis).....	656,007	622,824	77,605	464,868	463,026	51,409
		1,756,931	1,690,218	xxx	1,267,004	1,238,260	xxx
2613000	Building paper and board, not specified by kind <sup>3</sup> .....	xxx	xxx	4,631	xxx	xxx	xxx

xxx Not applicable.

<sup>1</sup>Quantities in short tons unless otherwise specified.

<sup>2</sup>No quantities have been imputed for the \$4,631,000 of shipments of "building paper and board, not specified by kind" (product code 2613000) reported by small establishments which were not able to provide a breakdown of their shipments by product.

**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-26A-2

### PAPER AND PAPERBOARD MILLS

(Industry Code 2612--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in Paper and Paperboard Mills shipped products valued at \$4,960 million, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a total of 188.5 thousand employees in 1958. Value added by manufacture in the industry amounted to \$2,395 million in 1958. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas.

Paper and Paperboard Mills includes establishments engaged primarily in the manufacture of paper and paperboard, except building board and building paper, from wood pulp and other fibers. It also includes establishments reducing waste paper, linters, straw, and other non-wood fibers to pulp as part of a continuous process producing paper and paperboard. Pulp mills combined with paper mills or paper board mills, and not separately reported, are also included in this Industry; where separately reported, they are classified in Industry 2611, Pulp Mills. Establishments primarily engaged in manufacturing converted products from purchased paper or paperboard (including interplants transfers) are classified in their respective paper and board converting industries, Industries 2641-2699 inclusive. This report does not include figures for administrative offices, warehouses,

garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954 when available. The number of establishments with less than 20 employees will be shown in the final industry reports.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Paper and Paperboard Mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified as Paper and Paperboard Mills amounted to \$4,960 million. Of this total, \$4,702 million were products primary to the industry, \$236 million were products primary to other industries, and \$22 million were receipts for miscellaneous activities. The industry shipments of primary products represented 95 percent of the total manufactured product shipments (primary and secondary).

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$4,770 million of primary paper and paperboard products were shipped by all producers of these products. Of this total, \$4,732 million, or 99 percent, were shipped by plants classified in Industry 2612, Paper and Paperboard Mills, while the remainder was shipped by plants classified in other industries.

GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities

(contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

Table 1.—GENERAL STATISTICS FOR PAPER AND PAPERBOARD MILLS (S. I. C. CODE 2612) BY REGION AND STATE

Region and State <sup>1</sup>	1958								
	All employees		Production workers			Value added by manufacture		Value of shipments	Capital expenditures, new
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)		
United States, total.....	188,505	1,363,955	156,94	241,66	82,467	78,322	1,364,217	4,959,782	348,24
Northeast.....	65,350	363,171	54,21	120,44	274,140	267,124	678,777	1,499,655	97,41
Maine.....	14,358	86,454	12,144	26,721	61,126	60,664	164,31	329,007	2,41
Massachusetts.....	14,109	64,397	9,849	21,913	46,681	46,659	1,210	228,777	7,41
New York.....	14,979	79,667	12,691	25,195	63,664	63,641	14,131	337,911	16,193
Pennsylvania.....	12,151	69,254	9,892	11,915	5,813	13,861	1,446	356,567	2,81
East North Central.....	45,411	260,933	37,866	84,559	285,376	281,987	546,669	1,198,887	63,93
Ohio.....	11,589	70,442	9,776	22,303	55,166	54,889	176,008	397,358	13,51
Illinois.....	7,892	16,621	6,136	5,345	12,485	12,485	4,781	4,181	1,41
Wisconsin.....	19,455	106,588	16,045	35,569	83,609	83,197	1,331	495,628	19,24
West North Central.....	4,344	14,18	3,498	7,777	18,296	18,296	1,347	1,411	1,81
Minnesota.....	3,681	8,797	2,954	6,591	16,622	16,622	45,719	88,277	1,43
South Atlantic.....	11,195	169,330	9,727	54,584	129,835	128,861	451,114	955,289	28,55
Virginia.....	5,952	32,437	4,804	10,347	23,268	23,268	91,350	168,786	29,228
North Carolina.....	6,608	35,068	5,521	11,625	27,048	27,048	65,161	152,364	16,68
Georgia.....	5,563	30,270	4,573	9,634	22,913	22,913	113,207	207,621	7,26
Florida.....	6,481	34,274	5,293	11,455	28,367	28,367	98,127	17,274	8,47
East South Central.....	10,601	61,327	8,873	18,937	48,436	48,436	151,977	295,468	27,67
West South Central.....	16,175	93,683	13,611	78,469	73,197	73,197	229,319	419,711	41,19
Louisiana.....	9,201	50,491	7,841	16,153	40,264	40,264	11,727	217,841	29,55
Texas.....	3,993	24,962	3,111	6,744	18,007	18,007	68,111	116,562	26,15
West.....	15,459	90,329	13,156	27,094	73,387	73,387	284,033	541,483	27,291
Oregon.....	3,785	21,997	3,268	6,586	17,252	17,252	69,595	119,232	2,66
California.....	3,087	17,233	2,555	5,622	14,288	14,288	43,174	11,896	5,67

<sup>1</sup>Some products State not shown separately in the State totals. These products are included in the totals for the nearest State shown. For example, products of Alaska are included in the totals for the nearest State shown. For example, products of Alaska are included in the totals for the nearest State shown. For example, products of Alaska are included in the totals for the nearest State shown.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, operating, and other work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (1) unadjusted value added, plus (2) the value of products shipped and the purchase of goods and products without further processing, or assembly, plus (3) the change in finished goods in stock-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees, classified in the industry.

Table 2.—QUANTITY AND VALUE OF PAPER AND PAPERBOARD SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified as Paper and Board Mills but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (tons or 2,000 lbs.)	Value (\$1,000)	Quantity (tons or 2,000 lbs.)	Value (\$1,000)
2612—	Paper and board mills, total.....	27,721,940	7,769,772	23,803,540	7,669,772
261200	Newsprint and groundwood paper.....	2,546,467	358,23	1,990,972	266,186
261211	Newsprint.....	1,739,275	14,314	1,208,411	137,443
	Groundwood paper, uncoated:				
2612123	Publication and printing.....	6,9,036	111,995	61,264	1,008
2612141	Converting and miscellaneous groundwood.....	168,106	31,38	1,297	26,15
26122--	Paper-machine coated paper:				
	Printing and converting:				
2612210	Paper-machine coated printing and converting paper.....	1,570,585	363,638	1,201,873	281,41
2612300	Book and fine paper.....	3,199,064	994,584	2,825,261	882,58
	Book paper, uncoated:				
2612312	Publication and printing.....	977,073	254,696	963,468	214,011
2612332	Converting and miscellaneous book.....	678,711	169,383	596,976	1,544
	Fine paper:				
2612342	Writing rag (including rag index).....	111,031	73,660	118,341	0,704
2612352	Writing, chemical wood pulp.....	1,093,186	347,165	873,201	246,388
2612362	Bristols (except rag index and bogus).....	119,177	34,265	106,663	27,219
2612372	Cover, text, and colored school paper.....	110,706	42,032	70,901	27,211
2612382	Thin paper.....	110,736	71,383	88,801	64,17

See Footnotes at end of table.

1957-1958-DC

## 1958 CENSUS OF MANUFACTURES

Table 2.—QUANTITY AND VALUE OF PAPER AND PAPERBOARD SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954—Continued

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (tons or 2,000 lbs.)	Value (\$1,000)	Quantity (tons or 2,000 lbs.)	Value (\$1,000)
2612400	Paper and board mills—continued				
	Coarse and special industrial:				
	Paper.....	4,202,878	891,166	3,903,756	740,075
	Coarse paper:				
	Unbleached kraft paper:				
2612401	Wrapping.....	1,093,952	180,638	391,018	62,133
2612414	Shipping sack.....			741,846	111,582
2612418	Bag.....			861,447	115,147
2612424	Other converting.....			530,424	94,874
2612432	Glassine, gresseproof and vegetable parchment.....	168,373	69,640	143,043	61,475
	Other coarse paper:				
2612442	Wrapping.....	791,736	191,288	258,500	51,061
2612452	Shipping sack and bag (including combination kraft and rope).....			104,367	23,950
2612456	Other converting.....			377,881	86,179
2612459	Special industrial paper (exclude windshield wiper stock and industrial wipes).....	614,553	192,351	467,275	128,647
2612500	Sanitary tissue, and other tissue paper stock.....	1,856,491	432,627	1,596,650	352,665
	Sanitary tissue:				
2612512	Toweling (exclude windshield wiper stock and industrial wipes), include facial tissue for towels.....	1,391,386	297,301	319,002	56,418
2612532	Toilet tissue.....			658,322	136,753
2612542	Napkin.....			167,935	36,440
2612551	Facial tissue stock (other than napkin and toilet).....			184,519	49,981
2612562	Other sanitary tissue and sanitary napkin stock wadding, (including windshield wiper and industrial wipes).....	245,122	70,876	266,872	273,073
2612578	Tissue paper (excluding sanitary and thin).....				
2612600	Container board.....	7,272,527	787,705	6,452,365	657,829
2612612	Linens.....	4,930,663	527,338	4,367,178	439,117
2612632	Corrugating material.....	2,083,171	235,997	1,865,671	199,186
2612652	Container chipboard.....	256,693	24,410	219,516	19,526
2612700	Bending board, including special food board.....	4,660,818	676,121	3,562,569	484,467
2612712	Folding boxboard stock.....	2,880,117	386,779	2,359,600	288,959
2612752	Special food board.....	1,484,201	249,315	993,288	167,327
2612782	Other bending.....	296,500	40,027	117,347	14,466
2612800	Nonbending board.....	927,227	92,339	923,799	78,256
2612812	Setup boxboard.....	678,607	66,895	717,887	59,482
2612898	Other nonbending board.....	248,620	25,434	205,912	18,774
2612900	Special paperboard cardboard and wet machine board.....	1,496,074	166,224	1,325,295	154,800
2612916	Special paperboard <sup>1</sup> .....	1,239,060	112,707	1,023,168	88,277
2612938	Cardboard (include bogus Bristol).....	106,154	28,173	87,274	20,707
2612952	Wet machine board.....	150,860	25,344	134,923	37,394
2612000	Paper and board mills, not specified by kind.....	(NA)	7,131	(NA)	(NA)

NA Not available.

<sup>1</sup>It is believed that the differences between the quantity of shipments of paper and paperboard reported in the 1958 Census, compared to the production tonnages shown in the M26A Annual Summary for Pulp, Paper and Board for 1958, are due not only to net changes in inventory, but also to some apparent differences in classification of grades by reporting establishments, and to reporting of some grades by common end-use.

<sup>2</sup>Includes an indeterminate amount of production of "windshield wiper stock and industrial wipes" which was reported as "toweling" and "special industrial paper (including absorbent paper)."

<sup>3</sup>The figures for 1958 and 1954 are not strictly comparable because 1954 included 46,797 tons of shipments of "other paperboard" (product code 2612941) valued at \$3,827,000, which were not precisely classified as to type.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

January 1960

MC(P)-26B-1

### PAPER BAGS INDUSTRY

(Industry Code 2661--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Paper Bags Industry shipped products valued at \$891.4 million, an increase of 39 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 16 percent from 1954 to 1958 to a total of 38.5 thousand employees in 1958. Value added by manufacture in the industry amounted to \$307.2 million in 1958, an increase of 42 percent from 1954 when the previous census was taken.

Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE PAPER BAGS INDUSTRY, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2661)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	38.5	33.3	+16
Payroll.....	Million dollars...	166.6	121.1	+38
Production workers:				
Number.....	Thousands.....	31.2	27.8	+12
Man-hours.....	Millions.....	62.7	56.2	+12
Wages.....	Million dollars...	119.5	89.5	+34
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	302.5	211.7	+43
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	307.2	216.1	+42
Cost of materials, fuel, electricity, and contract work .....	..do.....	585.9	425.5	+38
Value of shipments <sup>4</sup> .....	..do.....	891.4	639.4	+39
Capital expenditures, new.....	..do.....	17.4	18.9	-8
Number of establishments with 20 or more employees <sup>5</sup> .....	Number.....	248	203	+22

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Paper Bags Industry includes establishments engaged primarily in the manufacture of paper bags from purchased paper and similar materials ("purchased" includes interplant transfers within the same company). This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Paper Bags Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Paper Bags Industry amounted to \$391 million. Of this total, \$760 million were products primary to the industry, \$90 million were products primary to other industries, and \$41 million represented resales and miscellaneous receipts. The industry shipments of primary products represented 89 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 91 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$854 million of paper bags (grocery, multiwall, shipping sack, variety, etc.) and bags made of cellophane, acetate, pliofilm, foil, and similar sheet or film materials were shipped by all producers of these products. Of this total, \$760 million, or 89 percent, were shipped by plants classified in Industry 2661, Paper Bags, while the remainder was shipped by plants classified in other industries.

### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

Table 2.--GENERAL STATISTICS FOR THE PAPER BAGS INDUSTRY (S.I.C. CODE 2611), BY REGION AND STATE

Region and State <sup>1</sup>	1958								1954			
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
UNITED STATES, TOTAL.....	38,497	166,582	31,163	62,730	119,499	302,534	307,157	891,399	17,377	248	33,306	61,668
New England.....	1,239	4,681	931	1,907	3,112	11,079	11,292	37,716	472	13	1,676	8,921
Massachusetts.....	1,158	4,415	867	1,791	2,949	10,511	10,668	25,749	420	11	1,500	7,660
Middle Atlantic.....	7,335	24,508	5,574	11,734	21,637	63,888	66,035	168,159	3,708	68	6,070	42,256
New York.....	4,902	22,051	3,729	7,793	13,684	39,243	40,715	104,673	2,224	47	3,644	25,069
New Jersey.....	1,010	5,479	709	1,565	2,938	9,745	9,884	24,880	591	9	1,000	7,254
Pennsylvania.....	1,423	6,978	1,136	2,376	5,015	14,900	15,454	38,598	895	12	1,419	10,001
East North Central.....	7,235	31,816	5,617	11,247	21,138	57,415	59,220	150,553	3,695	47	5,684	35,721
Ohio.....	2,904	14,224	2,189	4,289	8,766	22,830	23,447	65,988	1,681	14	2,528	17,242
Illinois.....	2,506	10,816	2,055	4,066	7,445	20,874	21,720	50,102	1,359	22	1,902	13,132
West North Central.....	3,181	13,799	2,259	4,669	8,457	22,939	23,386	71,247	1,308	21	2,266	14,312
Minnesota.....	264	1,019	190	351	602	1,482	1,546	5,082	153	5	114	558
Missouri.....	2,201	9,370	1,630	3,339	5,737	14,874	15,205	46,641	1,051	13	1,570	7,475
South Atlantic.....	8,142	32,983	6,904	13,723	26,166	52,418	51,544	190,772	2,019	33	7,348	45,807
Virginia.....	1,192	4,465	1,039	2,101	3,555	8,096	7,716	28,726	198	8	1,210	7,182
Georgia.....	2,899	12,226	2,536	4,938	9,870	18,098	18,216	75,260	395	7	2,861	15,632
Florida.....	2,513	10,693	2,145	4,160	8,708	14,110	13,323	51,765	631	4	2,258	16,108
East South Central.....	4,023	16,313	3,516	7,151	13,334	30,024	30,325	86,398	1,131	15	2,925	16,750
Alabama.....	2,171	9,969	1,899	3,858	8,372	20,032	20,210	57,469	471	5	2,334	12,927
West South Central.....	4,164	17,928	3,606	7,245	15,030	38,270	38,553	114,516	3,330	22	4,327	25,697
Arkansas.....	1,100	4,408	993	1,772	4,005	6,487	6,630	23,220	264	5	1,169	9,149
Louisiana.....	2,329	11,160	2,283	4,522	9,446	26,656	26,822	77,473	2,757	11	2,344	11,228
West.....	3,178	14,554	2,576	5,054	10,575	26,501	26,804	80,438	1,756	29	3,008	21,181
California.....	2,071	9,975	1,646	3,326	7,164	18,319	18,393	53,529	1,169	20	1,569	14,274

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.--QUANTITY AND VALUE OF PAPER BAGS SHIPPED BY ALL MANUFACTURING ESTABLISHMENTS FOR THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Paper Bag Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of Shipments.")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity <sup>1</sup> (tons of 2,000 lbs.)	Value (\$1,000)	Quantity <sup>1</sup> (tons of 2,000 lbs.)	Value (\$1,000)
2661--	Paper bags, total.....	xxx	854,442	xxx	634,594
2661111	Grocers and variety bags, paper.....	957,493	227,835	813,571	159,772
26612--	Specialty bags and liners.....	xxx	302,972	xxx	206,293
2661212	Paper and paper combinations (except foil) waxed and unwaxed: Kraft and sulfite.....	171,763	76,829	133,521	49,542
2661215	Glassine and greaseproof, including parchment.....	38,878	32,638	47,113	32,076
	Polyethylene and other combinations and laminations, except foil:				
2661221	Polyethylene combinations and laminations, except foil.....	xxx	2,732		
2661225	All other combinations and laminations, except foil.....	xxx	11,932		
	Unsupported films:				
2661240	Cellophane, polyethylene, etc. <sup>2</sup> .....	xxx	15,324	xxx	119,069
2661241	Cellophane - quantity (in 1,000 lbs.) of cellophane.....	34,409	34,226		
2661243	Polyethylene - quantity (in 1,000 lbs.) of polyethylene....	73,825	62,935		
2661245	Other unsupported films (pliofilm, acetate, etc.).....	xxx	13,605		
	Foil and foil combinations and laminations:				
2661257	Unlaminated foil - quantity (in 1,000 lbs.).....	873	1,694		
2661259	Foil combined or laminated with foil, polyethylene or other materials - quantity (in 1,000 lbs. of metal content).....	4,393	7,917	6,974	6,156
2661265	Retail household bags (all materials) (garbage, lunch, sandwich, etc.).....	xxx	11,829	xxx	(NA)
2661297	Other (paper, polyethylene and other laminations and combinations, including foil) <sup>2</sup> .....	xxx	5,372	xxx	(NA)
2661299	Specialty bags and liners, not specified by kind.....	xxx	5,376	xxx	(NA)
26613--	Wardrobe, shopping and other bags.....	22,818	12,271	46,350	13,528
2661351	Shopping bags.....	13,482	5,864	15,161	5,000
2661398	Other bags (wardrobe, mothproof, etc.).....	9,336	5,657	31,189	8,528
26614--	Shipping sacks and multiwall bags.....	932,747	301,325	848,616	255,001
2661411	Single and double wall.....	173,021	54,208	186,216	62,905
2661451	Multiwall (three or more plys).....	759,726	247,117	662,400	192,096
2661000	Paper and other bags, not specified by kind.....	xxx	10,039	xxx	xxx

xxx Not applicable.

NA Not available.

<sup>1</sup>Paper and board consumed, unless otherwise specified.<sup>2</sup>Accounted for by small establishments (generally less than 20 employees) which reported on a short form especially designed to relieve such establishments from detailed reporting.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC (P) -26B-2

### WALLPAPER INDUSTRY

(Industry Code 2693--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Wallpaper Industry shipped products valued at \$41 million, an increase of 2 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 22 percent from 1954 to 1958 to a total of 2,8 thousand employees in 1958. Value added by manufacture in the industry amounted to \$22 million in 1958, an increase of 11 percent from 1954 when the previous census was taken.

Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE WALLPAPER INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2693)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	2.8	3.6	-22
Payroll.....	Million dollars...	13.4	14.3	-6
Production workers:				
Number.....	Thousands.....	2.1	2.9	-28
Man-hours.....	Millions.....	4.4	6.0	-27
Wages.....	Million dollars...	9.1	10.3	-12
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	20.9	19.0	+10
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	21.5	19.4	+11
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	19.5	20.9	-
Value of shipments <sup>5</sup> .....	do.....	44.8	39.9	+20
Capital expenditures, new.....	do.....	0.4	0.5	-20
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	29	37	-22

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Wallpaper Industry includes establishments engaged primarily in designing, printing and embossing paper for interior walls and ceilings. The paper stock used by this industry is called "hanging paper" and is produced by paper mills classified in Industry 2612. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Wallpaper Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Wallpaper Industry amounted to \$41 million. Of this total, \$35 million were products primary to the industry, \$3 million were products primary to other industries, and \$3 million were receipts from resales and miscellaneous activities. The industry shipments of primary products represented 92 percent of the total manufactured product shipments (primary and secondary). The corresponding 1954 ratio was 99 percent and the lower degree of specialization in 1958 reflects

the tendency of the industry to manufacture other products such as wall cloth.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$35.4 million of machine, screen and hand-printed wallpaper were shipped by all producers of these products. Of this total, \$34.9 million or 99 percent, were shipped by plants classified in Industry 2693, Wallpaper, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE WALLPAPER INDUSTRY (S.I.C. CODE 2693) BY REGION AND STATE

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	2,836	13,417	2,095	4,394	9,063	20,265	21,463	40,840	(D)	29	3,636	...
New England.....	214	1,060	156	319	696	1,931	1,900	3,144	(D)	3	479	...
Middle Atlantic.....	1,553	7,642	1,158	2,489	5,079	10,772	11,637	21,114	(D)	13	1,707	...
North Central.....	937	4,181	700	1,391	2,933	7,012	6,694	14,772	(D)	12	1,897	...
Illinois.....	722	3,160	518	1,019	2,134	4,660	4,641	10,716	(D)	9	1,204	...
South and West.....	102	534	81	195	355	1,150	1,232	1,810	(D)	1	...	...

<sup>1</sup> D Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Each producing State not shown separately in the above table was withheld either a) to avoid disclosing figures for individual companies, in the or associated industries or areas, or b) because the industry was of relatively minor economic importance in the State. (Additional publication detail will appear in the final Census report on this industry.)

<sup>3</sup> Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>4</sup> Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>5</sup> For explanation see text under "Value of shipments."

<sup>6</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF WALLPAPER SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Wallpaper Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity <sup>1</sup> (tons of 2,000 lbs.)	Value (\$1,000)	Quantity <sup>1</sup> (tons of 2,000 lbs.)	Value (\$1,000)
2693---	Wallpaper, total.....	xxx	35,445	xxx	39,601
	Machine printed wallpaper:				
2693011	Quantity (in short tons) of paper and board consumed.....	47,233	29,849	55,920	37,093
2693015	Quantity (in 1,000 single rolls or equivalent) of shipments and transfers.....	144,698	...	163,582	xxx
	Screen and hand printed wallpaper, including repeat goods, scenic, panels, etc.:				
2693051	Quantity (in short tons) of paper and board consumed.....	1,599	4,698	(NA)	4,528
2693055	Quantity (in single roll equivalent 36 sq. ft.) of shipments and transfers.....	1,000,994	...	1,212	xxx
2693000	Wallpaper, not specified by kind.....	xxx	2898	(NA)	(NA)

NA Not available.

xxx Not applicable.

<sup>1</sup> Paper and board consumed, unless otherwise specified.

<sup>2</sup> Accounted for by small establishments (generally less than 10 employees) which were not asked to report a breakdown of their receipts by type of product.

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.  
OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC (P) -26E-3

### ENVELOPES INDUSTRY

(Industry Code 2651--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufactures in the Envelopes Industry shipped products valued at \$270 million, an increase of 31 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 11 percent from 1954 to 1958 to a total of 17.6 thousand employees in 1958. Value added by manufacture in the industry amounted to \$137 million in 1958, an increase of 34 percent from 1954 when the previous census was taken.

Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE ENVELOPES INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2651)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	17.6	15.9	+11
Payroll.....	Million dollars...	84.0	63.0	+33
Production workers:				
Number.....	Thousands.....	14.2	13.0	+9
Man-hours.....	Millions.....	29.3	26.5	+11
Wages.....	Million dollars...	57.7	43.5	+33
Value added by manufacture, unadjusted <sup>2</sup> .....	...do.....	136.3	101.4	+34
Value added by manufacture, adjusted <sup>3</sup> .....	...do.....	137.3	102.8	+34
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	...do.....	132.4	103.0	+29
Value of shipments <sup>5</sup> .....	...do.....	269.8	205.3	+31
Capital expenditures, new.....	...do.....	6.4	6.9	-7
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	145	144	+1

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Envelopes Industry includes establishments engaged primarily in the manufacture of envelopes of any description from purchased paper and other materials. Establishments primarily engaged in manufacturing papeteries (boxed stationery) are classified in Industry 2699, Paper and Board Products, not elsewhere classified. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Envelopes Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Envelopes Industry amounted to \$270 million. Of this total, \$231 million were products primary to the industry, \$24 million were products primary to other industries, \$11 million represented resale of products and \$4 million were receipts for miscellaneous activities. The industry shipments of primary products represented 91 percent of the total manufactured product

shipments (primary and secondary). The 1954 ratio was 96 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$242 million of envelopes of all types and materials, excluding stationery envelopes, were shipped by all producers of these products. Of this total, \$231 million, or 95 percent, were shipped by plants classified in Industry 2651, Envelopes, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS BY REGION AND STATE, 1958

Region and State <sup>1</sup>	1950									
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>3</sup>	Capital expenditures, new	No. of establishments with 20 or more employees
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>2</sup>			
						(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	All employees, number
United States, total.....	17,594	13,962	12,274	29,274	17,686	13,210	16,777	29,224	1,000	1,000
New England.....	1,280	10,379	2,200	4,564	9,700	18,329	18,177	11,211	1,000	1,000
Middle Atlantic.....	1,701	17,008	3,092	6,409	11,666	28,717	28,327	50,637	1,000	1,000
New York.....	1,600	15,342	2,181	4,494	9,984	19,877	19,898	46,577	1,000	1,000
New Jersey.....	40	2,257	392	869	1,665	1,237	1,237	3,059	1,000	1,000
Pennsylvania.....	637	3,409	519	1,346	2,017	1,603	1,603	7,000	1,000	1,000
East North Central.....	4,968	24,832	7,223	8,353	17,137	37,528	37,877	72,444	1,000	1,000
Ohio.....	1,725	8,006	1,456	3,007	6,057	12,340	12,340	24,320	1,000	1,000
Illinois.....	2,185	11,766	1,773	3,766	7,867	16,648	16,783	31,947	1,000	1,000
Michigan.....	540	3,719	385	789	1,725	4,873	4,895	8,570	1,000	1,000
West North Central.....	2,260	10,332	1,750	3,601	6,813	18,188	18,311	32,697	1,000	1,000
Minnesota.....	658	3,712	522	960	1,952	5,100	5,218	8,999	1,000	1,000
Wisconsin.....	1,368	6,633	1,047	2,231	4,707	10,925	10,895	19,094	1,000	1,000
South Atlantic.....	1,235	5,533	997	2,130	3,630	9,837	9,925	20,223	451	1,098
Maryland.....	275	1,294	229	490	838	2,314	2,334	4,823	(D)	4
East South Central.....	293	1,014	256	569	788	1,754	1,766	3,785	52	4
West South Central.....	636	2,779	481	1,046	1,763	5,170	5,240	10,298	327	8
West.....	1,657	8,975	1,258	2,604	5,735	16,716	16,727	29,745	1,018	1,337
California.....	1,172	6,221	921	1,918	4,267	11,532	11,387	20,982	582	929

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>3</sup> Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>4</sup> Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>5</sup> For explanation see text under "Value of shipments."

<sup>6</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—VALUE OF ENVELOPES SHIPPED AND THE QUANTITY OF PAPER AND PAPERBOARD CONSUMED IN THEIR MANUFACTURE BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes value of these products and the quantity of paper and paperboard consumed in their manufacture reported both by establishments classified in the Envelope Industry and also by these establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity <sup>1</sup> (short tons)	Value (\$1,000)	Quantity <sup>1</sup> (short tons)	Value (\$1,000)
2651—	Envelopes, total.....	370,383	241,663	332,426	197,283
2651011	Envelopes, all types and materials (excluding stationary envelopes).....	370,383	241,663	332,426	197,283

<sup>1</sup> Consumption of paper and paperboard consumed in the manufacture of envelopes. The average value of products shipped per ton of paper and paperboard consumed can of course be computed from these figures. However, the significance of such a statistic is quite limited owing to the heterogeneous composition of envelopes, a number of which incorporate little paper and paperboard in their manufacture. The principal purpose served by the aggregation of paper and paperboard consumption figures for this industry in census years is to provide a comprehensive accounting of the use of all primary paper and board mill output by the converting industries.

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-26B-4

### PAPERBOARD BOXES INDUSTRY

(Industry Code 2671--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Paperboard Boxes Industry shipped products valued at \$2,728 million, an increase of 24 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 6 percent from 1954 to 1958 to a total of 141.0 thousand employees in 1958. Value added by manufacture in the industry amounted to \$1,108 million in 1958, an increase of 23 percent from 1954 when the pre-

vious census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.-- GENERAL STATISTICS FOR THE PAPERBOARD BOXES INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2671)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	141.0	133.0	+6
Payroll.....	Million dollars..	648.8	525.7	+23
Production workers:				
Number.....	Thousands.....	110.9	107.8	+3
Man-hours.....	Millions.....	238.3	221.1	+8
Wages.....	Million dollars..	452.4	371.3	+22
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	1,096.7	895.3	+23
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	1,108.1	902.4	+23
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	1,628.1	1,309.3	+24
Value of shipments <sup>5</sup> .....	..do.....	2,728.4	2,208.9	+24
Capital expenditures, new.....	..do.....	74.4	60.5	+23
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	1,195	1,123	+6

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Paperboard Boxes Industry includes establishments engaged primarily in the manufacture of paperboard containers or boxes from purchased paperboard or fiber stock. Important products of this industry include corrugated and ruled fiberboard boxes, setup boxes, folding boxes except sanitary fold containers, and vulcanized fiber boxes. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Paperboard Boxes Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Paperboard Boxes Industry amounted to \$2,728 million. Of this total, \$2,532 million were products primary to the industry, \$139 million were products primary to other industries, and \$57 million were receipts for miscellaneous activities. The industry shipments of primary products represented 95 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 96 percent.

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$2,597 million of Paperboard Boxes were shipped by all producers of these products. Of this total, \$2,532 million, or 98 percent, were shipped by plants classified in Industry 2671, Paperboard Boxes, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

Table 2.-GENERAL STATISTICS BY REGION AND STATE: PAPER, PRINTING, AND RELATED INDUSTRIES

Region and State <sup>1</sup>	1958									1957	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, net	No. of establishments with 20 or more employees <sup>5</sup>	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)				
United States, total.....	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177
New England.....	1,342	61,200	11,499	33,793	42,936	104,830	105,356	736,337	5,493	127	1,462
New Hampshire.....	243	978	197	406	718	2,121	2,146	4,420	42	3	104
Massachusetts.....	9,172	38,311	7,758	15,103	26,671	67,734	68,482	154,011	3,370	79	8,642
Connecticut.....	3,894	18,833	3,084	6,372	13,159	31,887	31,883	67,448	1,675	28	3,860
Middle Atlantic.....	4,311	128,909	3,730	69,126	170,325	316,314	318,679	710,703	16,849	414	41,113
New York.....	19,328	86,683	15,587	31,906	61,066	143,688	143,850	306,713	6,421	201	20,719
New Jersey.....	11,047	51,313	8,457	17,460	34,461	81,387	82,087	192,109	5,500	85	3,350
Pennsylvania.....	11,937	69,917	9,688	19,760	36,698	91,239	92,742	211,881	4,948	128	14,254
East North Central.....	40,580	186,180	30,945	63,116	135,363	331,999	334,783	833,833	24,883	483	38,561
Ohio.....	11,166	57,411	8,711	17,680	37,532	91,881	91,921	231,177	5,955	76	10,599
Indiana.....	5,068	24,085	3,869	7,489	16,064	41,803	41,792	98,341	3,841	31	4,716
Illinois.....	17,857	67,977	12,775	22,325	46,701	115,714	115,611	286,011	9,539	105	13,003
Michigan.....	9,581	47,996	4,243	8,412	19,474	45,843	46,033	116,292	3,054	32	6,063
Wisconsin.....	4,414	21,112	3,387	7,213	15,591	37,279	37,623	102,004	2,496	30	4,178
West North Central.....	7,451	35,211	5,411	12,365	24,743	63,481	64,350	164,476	3,479	73	7,579
Iowa.....	972	4,635	730	1,547	3,135	9,134	9,234	26,962	690	13	738
Kansas.....	924	4,837	671	1,448	3,054	7,994	8,114	2,486	717	7	708
South.....	25,113	108,130	17,116	41,833	77,058	176,246	179,001	493,744	15,401	206	21,599
North Carolina.....	2,834	10,028	2,095	4,513	6,996	19,440	19,230	47,780	828	1	1,551
Alabama.....	701	2,564	577	1,144	1,683	2,453	2,817	9,454	134	4	718
Arkansas.....	408	1,701	326	641	1,193	3,028	3,152	9,603	504	6	153
Louisiana.....	1,397	10,481	1,092	3,926	7,752	13,731	13,509	46,426	790	10	2,361
West.....	11,297	58,449	8,854	18,530	40,097	103,811	105,924	289,315	8,377	95	9,915
Colorado.....	411	1,936	333	696	1,321	3,623	3,623	7,766	777	11	372
Washington.....	1,446	6,880	1,149	2,271	4,923	11,448	11,441	40,325	497	10	1,841
California.....	8,772	46,523	6,895	14,502	33,638	83,504	84,961	222,744	5,765	67	7,867

<sup>1</sup>Some production States not shown separately in the above table was withheld, either to avoid disclosing figures for individual companies, or to make the industry or group, or (b) because the industry was of relatively minor economic importance in the State. Additional publication details will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Value of products added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3--QUANTITY OF BOARD CONSUMED AND VALUE OF PAPERBOARD BOXES SHIPPED BY ALL MANUFACTURING ESTABLISHMENTS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Paperboard Boxes Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity <sup>1</sup> (tons of 2,000 lbs.)	Value (\$1,000)	Quantity <sup>1</sup> (tons of 2,000 lbs.)	Value (\$1,000)
2671----	Paperboard boxes, total.....	xxx	2,596,811	xxx	2,111,434
26711--	Shipping containers, solid fiber and corrugated.....	<sup>2</sup> 6,782,309	1,510,472	6,235,592	1,260,073
2671151	Corrugated shipping containers.....	<sup>3</sup> 6,601,155	1,467,409	6,012,806	1,214,587
	Solid fiber.....	181,154	43,063	222,786	45,486
2671100	Shipping containers, solid fiber and corrugated, not specified by kind <sup>4</sup> .....	(NA)	29,988	xxx	...
26712--	Folding paperboard boxes and cartons (except ice cream, butter, margarine, frozen food, etc.).....	<sup>5</sup> 2,578,000	818,000	2,186,622	625,374
	Folding boxes and cartons, classified by end-use (except sanitary food containers):				
2671212	Food, including candy and baked goods.....	673,000	197,000	2,186,622	625,374
2671221	Beverage, both alcoholic and non-alcoholic.....	111,000	39,000		
2671231	Soap.....	147,000	40,000		
2671241	Tobacco.....	100,000	34,000		
2671251	Retail and textiles, including laundry boxes.....	126,000	37,000		
2671261	Hard goods (hardware, sporting goods, toys, rubber goods, automotive parts and appliances).....	130,000	51,000		
2671271	Cosmetics and medicinal products.....	114,000	50,000		
2671281	Paper goods or products.....	116,000	36,000		
2671298	All other end-uses not specified above (military, etc.)...	181,000	58,000		
2671210	Folding boxes and cartons, not classified by end-use.....	810,000	252,000		
2671200	Folding paperboard boxes and cartons, not specified by kind <sup>4</sup> ....	(NA)	22,000		
2671311	Set-up boxes <sup>6</sup> .....	574,088	228,545	(NA)	220,290
2671411	Vulcanized fiber boxes.....	xxx	4,070	xxx	5,697
2671000	Paperboard boxes, not specified by kind.....	xxx	35,987	xxx	...

NA Not available.

xxx Not applicable.

<sup>1</sup>Quantity of paper and board consumed during the year in the manufacture of paperboard boxes.<sup>2</sup>Includes a small amount of tonnage estimated for shipping containers not specified by kind (product code 2671100).

<sup>3</sup>An attempt was made to obtain quantity of board consumed and value of shipments of corrugated shipping containers by specific end-use, with an additional line to accommodate those manufacturers who could not report the end-use distribution. Of the total of \$1,467 thousand reported, \$1,091 thousand, or about 75 percent, were reported as not classified by end-use. Because of the large part of the total that was not reported by end-use, the end-use figures are not shown.

<sup>4</sup>Largely accounted for by small establishments (generally less than 20 employees) which were not able to provide a breakdown of their receipts by product.

<sup>5</sup>Although a relatively large proportion of the total value of shipments of folding paperboard boxes, etc., (about 70%) were reported by end-use, the proportion of the total reported for each item may vary from the 70 percent reflected in the breakout of the total for folding paperboard boxes, cartons, etc. (product class 26712).

<sup>6</sup>Includes commercial shipments and shipment by interplant transfer to consuming plants of same company to the extent that a separate container plant was recognized in the bookkeeping records of the company. "Captive production," not separately reported, is therefore not included.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(F)-26B-7

### FIBER CANS, TUBES, DRUMS, AND SIMILAR PRODUCTS INDUSTRY

(Industry Code 2674--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Fiber Cans, Tubes, Drums, and Similar Products Industry shipped products valued at \$161 million, an increase of 8 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 12 percent from 1954 to 1958 to a total of 10,6 thousand employees in 1958. Value added by manufacture in the industry amounted to \$77 million in 1958, an increase of 3 percent from 1954 when

the previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE FIBER CANS, TUBES, DRUMS, AND SIMILAR PRODUCTS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2674)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	10.6	12.1	-12
Payroll.....	Million dollars..	46.3	45.0	+3
Production workers:				
Number.....	Thousands.....	8.9	10.5	-15
Man-hours.....	Millions.....	18.0	21.1	-15
Wages.....	Million dollars..	35.3	34.9	+1
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	76.7	74.4	+3
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	76.8	74.4	+3
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	84.1	74.0	+14
Value of shipments <sup>5</sup> .....	..do.....	161.1	148.6	+8
Capital expenditures, new.....	..do.....	8.1	3.4	+138
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	108	99	+9

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Fiber Cans, Tubes, Drums, and Similar Products Industry includes establishments engaged primarily in the manufacture from purchased material of fiber cans, cones, cores, mailing cases, ribbon-blocks, spools, tools, drums, and similar products with or without metal ends. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Fiber Cans, Tubes, Drums, and Similar Products Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Fiber Cans, Tubes, Drums, and Similar Products Industry amounted to \$161 million. Of this total, \$152 million were products primary to the industry, \$5 million were products primary to other industries, and \$4 million were receipts for miscellaneous activities. The industry shipments of primary products represented 97 percent of the

total manufactured product shipments (primary and secondary). The 1954 ratio was 97 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$182 million of paperboard cans, tubes, and drums, and paperboard cones, reels, spools, bobbins and blocks, and other vulcanized fiber products were shipped by all producers of these products. Of this total, \$152 million, or 83 percent, were shipped by plants classified in Industry 2674, Fiber Cans, Tubes, Drums, and Similar Products, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

Region and State <sup>1</sup>	Value added by manufacturing										Value added by other non-manufacturing
	All employees		Production workers			Value added by manufacturer		Value of shipments <sup>4</sup>	Value of exports <sup>5</sup>	Value of services <sup>6</sup>	
	Number	Payroll (\$1,000)	Number	Man-hour <sup>3</sup> 1,000	Rate \$1,000	Value added <sup>2</sup> (\$1,000)	Adjusted <sup>2</sup> (\$1,000)				
United States.....	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
New England.....	100,000	10,000	100,000	100,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Atlantic States.....	200,000	20,000	200,000	200,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
South Atlantic.....	100,000	10,000	100,000	100,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
East North Central.....	200,000	20,000	200,000	200,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
West North Central.....	100,000	10,000	100,000	100,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
South Central.....	100,000	10,000	100,000	100,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
West.....	100,000	10,000	100,000	100,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
California.....	100,000	10,000	100,000	100,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000

<sup>1</sup> Includes Alaska and Hawaii for individual companies.

<sup>2</sup> Includes the value of shipments of products manufactured by establishments in the United States, but shipped to foreign countries, and the value of exports of products manufactured by establishments in foreign countries, but shipped to the United States.

<sup>3</sup> Includes the value of shipments of products manufactured by establishments in the United States, but shipped to foreign countries, and the value of exports of products manufactured by establishments in foreign countries, but shipped to the United States.

<sup>4</sup> Includes the value of shipments of products manufactured by establishments in the United States, but shipped to foreign countries, and the value of exports of products manufactured by establishments in foreign countries, but shipped to the United States.

TABLE 3.—QUANTITY AND VALUE OF FIBER CANS, TUBES, DRUMS, AND SIMILAR PRODUCTS SHIPPED BY ALL MANUFACTURING ESTABLISHMENTS FOR THE UNITED STATES: 1958 AND 1954

Includes quantity and value of these products reported not only by establishments classified in the Fiber Cans, Tubes, Drums and Similar Products Industry, but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments"

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity <sup>1</sup> (tons of 2,000 lbs.)	Value (\$1,000)	Quantity <sup>1</sup> (tons of 2,000 lbs.)	Value (\$1,000)
2674—	Fiber cans, tubes, drums, etc., total.....	xxx	102,270	xxx	161,800
26741—	Paperboard cans, tubes and drums.....	37,864	14,940	333,478	137,918
2674111	Cans with or without metal ends.....	107,753	96,658	102,516	97,600
2674131	Cores and tubes.....	162,931	45,047	119,161	9,418
2674131	Drums with metal, wood or paperboard ends.....	81,111	48,031	91,801	43,980
2674199	Paperboard cans, tubes, and drums, not specified by kind.....	xxx	6,463	xxx	NA <sup>2</sup>
2674211	Paperboard cones, reels, spool, bobbins and sticks.....	44,313	12,988	37,194	1,000
2674312	Vulcanized fiber products, except boxes (cans, tubes, drums, etc.).....	xxx	12,230	xxx	13,100
2674000	Fiber cans, tubes, drums etc., not specified by kind.....	xxx	1,198	xxx	NA

NA Not available.

xxx Not applicable.

<sup>1</sup> Paper and paperboard consumed in the manufacture of these products.





# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC (F)-26B-6

### PULP GOODS, PRESSED AND MOLDED, INDUSTRY

(Industry Code 2694—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Pulp Goods, Pressed and Molded, Industry shipped products valued at \$79 million, an increase of 86 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 55 percent from 1954 to 1958 to a total of 4.5 thousand employees in 1958. Value added by manufacture in the industry amounted to \$50 million in 1958, an increase of 92 percent from 1954 when the previous

census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE PULP GOODS, PRESSED AND MOLDED, INDUSTRY, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2694)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	4.5	2.9	+55
Payroll.....	Million dollars...	21.3	11.6	+84
Production workers:				
Number.....	Thousands.....	3.7	2.4	+54
Man-hours.....	Millions.....	7.8	5.0	+56
Wages.....	Million dollars...	15.9	9.1	+75
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	48.5	25.4	+91
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	49.8	26.0	+92
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	30.2	16.9	+79
Value of shipments <sup>5</sup> .....	..do.....	78.8	42.4	+86
Capital expenditures, new.....	..do.....	2.2	3.2	-31
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	28	16	+75

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Pulp Goods, Pressed and Molded Industry includes establishments engaged primarily in the manufacture of all kinds of pressed and molded pulp goods such as plates and utensils, and papier-maché articles other than statuary and art goods. Establishments primarily engaged in manufacturing plates and utensils from paper are classified in Industry 2699, Converted Paper Products, Not Elsewhere Classified. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Pulp Goods, Pressed and Molded Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Pulp Goods, Pressed and Molded Industry amounted to \$79 million. Of this total, \$77 million were products primary to the industry. The balance of \$2 million represented the value of products primary to other industries, resales, and miscellaneous receipts. The industry shipments of primary products repre-

sented 99 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 100 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$81 million of egg cartons, molded pulp plates, and dishes, prepackaging trays and boards, conduits and pipe, and other molded pulp and papier-maché articles, were shipped by all producers of these products. Of this total, \$77 million, or 96 percent, were shipped by plants classified in Industry 2694, Pulp Goods, Pressed and Molded, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

Table 3.—VALUE OF PULP GOODS, PRESSED AND MOLDED, SHIPPED BY ALL MANUFACTURING ESTABLISHMENTS FOR THE UNITED STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup>	Adjusted <sup>3</sup>					
United States, total.....	4,472	21,254	3,697	7,837	16,722	42,492	49,819	78,980	2,170	2	2,331	21,431
New England.....	1,137	7,245	1,221	2,916	6,441	16,023	16,662	24,802	471	1	1,321	11,120
Middle Atlantic.....	1,108	5,281	899	1,853	3,795	11,999	12,195	22,535	286	1	634	6,711
North Central.....	1,476	7,071	1,280	2,812	5,388	15,109	15,559	29,129	798	12	708	11,173
South and West.....	354	1,657	297	656	1,305	5,356	5,413	8,314	515	1	218	2,351

<sup>1</sup> Some processing plants not shown. Operations at these have table was withheld either as too small, or as not in line with the general character of the industry. The industry was of relatively minor importance in the Nation. Some plants, however, will appear in the final Bureau report on this industry.

<sup>2</sup> Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup> Adjusted value added by manufacture is the sum of the unadjusted value added, plus (a) the difference resulting from the percentage increase in products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup> For explanation see text under "Value of shipments."

<sup>5</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

Table 3.—VALUE OF PULP GOODS, PRESSED AND MOLDED, SHIPPED BY ALL MANUFACTURING ESTABLISHMENTS FOR THE UNITED STATES: 1958 AND 1954

(Includes value of these products reported not only by establishments classified in the Pulp Goods, Pressed and Molded, Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Value of shipments including interplant transfers (\$1,000)	
		1958	1954
2694---	Pulp goods, pressed and molded, total.....	80,807	45,236
2694012	Egg cartons.....	13,496	(1)
2694031	Prepackaging trays and boards (for meat and produce) and food trays.....	11,585	(1)
2694051	Molded pulp plates and dishes.....	12,431	13,691
2694061	Conduits and pipe (molded pulp or papier-mache).....	29,485	17,891
2694098	Other molded pulp and papier-mache articles excluding statuary and art goods.....	13,810	13,654

<sup>1</sup> In 1954, no separate shipments figures were collected on egg cartons, or prepackaging trays and boards and food trays. Shipments of these products in 1954 were reported on product line 2694098, "Other pulp goods, excluding statuary and art goods."

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC-(P)-26B-7

### DIE-CUT PAPER AND BOARD INDUSTRY

(Industry Code 2691--SIC system in use through 1957)

Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Die-Cut Paper and Board Industry shipped products valued at \$247 million, an increase of 14 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 4 percent from 1954 to 1958 to a total of 11.8 thousand employees in 1958. Value added by manufacture in the industry amounted to \$108 million in 1958, an increase of 8 percent from 1954 when

the previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE DIE-CUT PAPER AND BOARD INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2691)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	11.8	12.3	-4
Payroll.....	Million dollars..	56.5	47.9	+18
Production workers:				
Number.....	Thousands.....	9.2	9.7	-5
Man-hours.....	Millions.....	18.5	17.7	+4
Wages.....	Million dollars..	38.0	34.1	+12
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	106.7	98.0	+9
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	107.7	99.7	+8
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	130.4	111.9	+17
Value of shipments <sup>5</sup> .....	..do.....	247.8	214.3	+16
Capital expenditures, new.....	..do.....	5.9	6.4	-8
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	121	111	+9

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.



The Die-Cut Paper and Board Industry includes establishments engaged primarily in die-cutting purchased paper and paperboard, and in manufacturing cardboard by laminating, lining, and surface-coating paperboard. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Die-Cut Paper and Board Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Die-Cut Paper and Board Industry amounted to \$247 million. Of this total, \$213 million were products primary to the industry, \$16 million were products primary to other industries, and \$18 million were receipts from resales and miscellaneous activities. The industry shipments of primary products represented 93 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 88 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$266 million of die-cut office supplies such as index, file, guide and other cut cards, machine tabulation and time recorder cards, paper bottle-caps and tops and manufactured cardboard were shipped by all producers of these products. Of this total, \$213 million, or 80 percent, were shipped by plants classified in Industry 2691, Die-Cut Paper and Board, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

to the extent that the following figure, for individual companies,

For explanation see text under "Value of shipments."

\* Revised.

NA Not available.

xx Not applicable.

<sup>1</sup>Paper and board consumed in short tons unless otherwise specified.

<sup>2</sup>In 1954, "automotive board products (panel, trim, etc.)" code 2691221 are included with "other, including fillers and flats for egg cases, except rolled pulp." (Code 2691298).

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-26B-8

### PAPER COATING AND GLAZING INDUSTRY

(Industry Code 2641--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, value added by manufacture in the Paper Coating and Glazing Industry amounted to \$278 million, a decrease of 2 percent from 1954 when the previous census was taken, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Value of shipments in this industry amounted to \$706 million in 1958, an increase of 10 percent over 1954. Average employment in this industry showed a decrease of 13 percent from 1954 to 1958 to a total of 24.2 thousand employees in

1958. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE PAPER COATING AND GLAZING INDUSTRY, IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2641)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	24.2	27.7	-13
Payroll.....	Million dollars...	124.0	124.0	+1
Production workers:				
Number.....	Thousands.....	18.0	20.4	-1
Man-hours.....	Millions.....	38.3	42.1	-9
Wages.....	Million dollars...	32.9	30.1	3
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	277.0	282.1	-2
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	278.1	275.6	-2
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	428.6	375.5	+21
Value of shipments <sup>5</sup> .....	..do.....	706.3	639.2	+10
Capital expenditures, new.....	..do.....	15.3	15.2	+1
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	151	132	+14

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of production shipped less cost of materials, supplies, fuel, electricity and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Paper Coating and Glazing Industry includes establishments engaged primarily in the manufacture of coated and glazed paper from purchased paper or paper transferred from associated primary mills. Establishments primarily engaged in coating paper on the paper machine are classified in Industry 2612, Paper and Paperboard Mills. Important products of this industry include off-paper machine coated-book paper, bread wraps and other oiled, waxed, and wax-laminated paper, gummed products (including unprinted gummed labels), pressure sensitive tapes (except surgical), and other and coated processed paper. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Paper Coating and Glazing Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Paper Coating and Glazing Industry amounted to \$709 million. Of this total, \$586 million were products primary to the industry, \$91 million were products primary to other industries, and \$22 million were receipts for miscellaneous activities. The industry shipments

of primary products represented 86 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 85 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$725 million of off-machine coated paper for printing, oiled, waxed and wax-laminated paper, gummed products, pressure-sensitive tapes, and other coated and processed paper were shipped by all producers of these products. Of this total, \$586 million, or 81 percent, were shipped by plants classified in Industry 2641, Paper Coating and Glazing, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and totals for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

TABLE 2.—GENERAL STATE DATA FOR THE PAPER, PULP, AND GLASSING INDUSTRY, 1958 (BASE 1947) AS REPORTED BY STATES, 1958

Region and State <sup>1</sup>	1950										1958	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup>	Adjusted <sup>3</sup>					
						(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)			(\$1,000)
United States, total.....	24,192	125,041	17,983	38,262	82,892	277,048	278,421	6,260	15,807	151	27,637	282,967
New England.....	3,729	19,137	2,843	6,169	12,154	36,079	37,230	90,476	2,334	32	4,182	29,777
Massachusetts.....	2,864	10,309	1,579	3,327	6,552	19,942	20,898	49,243	1,697	21	2,314	14,802
Middle Atlantic.....	5,342	27,336	3,785	7,911	16,696	80,758	79,111	174,426	3,368	41	4,981	63,169
New York.....	1,991	9,637	1,248	2,292	5,395	18,728	19,141	46,180	1,047	19	1,318	15,371
New Jersey.....	2,147	11,929	1,323	2,824	6,431	28,548	26,482	74,781	662	15	2,020	22,843
Pennsylvania.....	1,200	5,770	904	1,795	3,870	33,482	33,488	53,465	1,659	7	1,141	24,955
East North Central.....	11,381	60,244	8,639	18,429	41,807	100,542	100,493	296,484	6,529	48	10,444	35,580
Ohio.....	5,487	18,827	2,609	5,463	12,888	34,064	35,190	86,939	2,126	18	3,243	31,081
Illinois.....	1,802	10,128	1,212	2,508	5,363	14,850	13,631	44,839	1,168	12	1,902	17,417
Michigan.....	4,033	20,708	3,183	6,982	15,871	27,896	28,122	95,966	1,849	8	3,232	18,466
Wisconsin.....	1,954	10,185	1,552	3,321	7,419	22,232	21,919	64,691	1,283	8	1,922	17,886
West North Central.....	1,444	6,413	1,054	2,188	4,362	35,299	35,884	72,495	733	6	6,192	85,742
South.....	724	3,060	568	1,168	2,070	8,187	8,430	24,597	451	11	606	5,030
Pacific.....	1,513	8,845	1,092	2,393	5,791	16,183	16,904	47,778	1,890	13	1,331	12,770

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--QUANTITY OF PAPER CONSUMED AND VALUE OF COATED AND GLAZED PAPER SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity of paper consumed and value of shipments of these products reported not only by establishments classified in the Paper Coating and Glazing Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity <sup>1</sup> (tons of 2,000 lbs.)	Value (\$1,000)	Quantity <sup>1</sup> (tons of 2,000 lbs.)	Value (\$1,000)
2641----	Paper coating and glazing, total.....	xxx	725,114	xxx	609,588
26411--	Of machine coated paper for printing.....	237,153	96,237	231,745	82,450
2641111	Coated one side.....	164,464	63,566	132,545	46,077
2641151	Coated two sides.....	72,689	32,671	99,200	36,373
26412--	Oiled, waxed and wax-laminated paper.....	443,027	245,339	366,808	208,763
2641211	Oiled and similarly treated paper.....	461,944	266,669	13,259	6,008
	Waxed and wax-laminated paper:				
2641221	Printed bread wraps.....	84,413	59,036	76,311	53,986
2641225	Unprinted bread wraps.....	8,794	4,809	14,935	9,406
2641231	Household waxed paper.....	119,593	59,609	102,960	53,330
2641241	Delicatessen paper.....	18,871	11,219	22,056	9,455
2641245	Locker (including freezer) paper.....	9,819	4,835	16,964	7,758
2641255	Biscuit and cracker inner wraps.....	17,679	9,500		
2641265	Cereal and similar inner wraps, except biscuit and cracker..	16,216	8,546	21,880	14,437
2641275	Frozen food carton overwraps.....	19,776	17,795		
2641281	Other waxed and wax-laminated paper, including candy wraps, cheese wraps, etc.	82,855	41,556		54,383
2641200	Wax and wax-laminated paper, not specified by kind.....	3,067	1,765		
26413--	Gummed products.....	139,993	78,620	111,761	66,391
2641311	Paper base gummed tape, all types.....	103,374	46,642	97,136	45,661
2641315	Cloth base gummed tape.....	xxx	2,969	xxx	5,841
2641331	Gummed paper, including stock labels, unprinted <sup>3</sup> .....	34,844	26,180	14,625	14,889
2641300	Gummed products, not specified by kind.....	(NA)	2,829	(NA)	(NA)
26414--	Pressure sensitive tapes.....	xxx	186,818	xxx	148,941
2641411	Paper backing.....	60,759	72,794	(NA)	50,861
2641431	Cloth backing (excluding surgical adhesive).....	(NA)	15,702	xxx	10,289
2641451	Plastic backing, including cellophane tape.....	(NA)	88,859	xxx	84,754
2641471	Other, excluding rubber.....	(NA)	6,072	(NA)	3,037
2641400	Pressure sensitive tapes, not specified by kind.....	xxx	3,391	(NA)	(NA)
26415--	Coated and processed paper.....	xxx	115,795	135,534	103,043
2641511	Casein and similarly coated paper.....	25,261	10,959	(NA)	(NA)
2641521	Special coated paper (Mica, pyroxylin, lacquer, metallic-- other than foil, etc.) <sup>4</sup> .....	27,852	25,799	30,527	32,406
2641541	Processed plain paper (embossed, leatherette, etc.).....	15,019	6,652	13,245	6,739
2641555	Processed coated paper (embossed, leatherette, etc.).....	12,419	9,674	6,862	4,664
	Laminated or coated rolls and sheets, plain or printed, except wax-laminated paper and foil:				
2641561	Polyethylene coated paper <sup>5</sup> .....	19,793	14,146		
2641565	Polyethylene coated films, including coated cellophane....	xxx	16,937		
2641569	Other coated rolls and sheets <sup>6</sup> .....	2,425	2,884	22,324	34,507
2641598	Other coated and processed paper, including soap impregnated paper <sup>7</sup> .....	34,149	23,418		
2641500	Processed and coated paper, not specified by kind.....	12,928	5,326	...	...
2641000	Paper coating and glazing, not specified by kind.....	xxx	2,305	...	...

NA Not available.

xxx Not applicable.

<sup>1</sup>Paper and board consumed, in short tons, unless otherwise specified.<sup>2</sup>May contain some quantity and value of "Waxed and waxed-laminated" paper incorrectly reported as "Oiled and similarly treated paper."<sup>3</sup>Figures for 1958 and 1954 are not strictly comparable, since in 1954 quantity and value were reported for "Gummed paper, including gummed flat" (Product Code 2641321).<sup>4</sup>Included "Plastic" coated paper in 1954 (Product Code 2641531).<sup>5</sup>Included in "Special coated paper" in 1954 (Product Code 2641531).<sup>6</sup>May include some "Casein and similarly coated paper." (Product Code 2641511), and "Special coated paper" (Product Code 2641521).<sup>7</sup>Includes vinyl and other resin-impregnated papers, and rubber impregnated papers.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-26B-9

### PAPER AND BOARD PRODUCTS, N.E.C., INDUSTRY

(Industry Code 2699--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Paper and Board Products, Not Elsewhere Classified Industry shipped products valued at \$1,974 million, an increase of 33 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 11 percent from 1954 to 1958 to a total of 80.9 thousand employees in 1958. Value added by manufacture in the industry amounted to \$794 million in 1958, an increase of 32 percent from 1954 when the previous census was taken.

Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE PAPER AND BOARD PRODUCTS, N.E.C., INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2699)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	80.9	73.2	+11
Payroll.....	Million dollars...	372.5	289.9	+29
Production workers:				
Number.....	Thousands.....	63.1	58.4	+9
Man-hours.....	Millions.....	130.8	120.7	+9
Wages.....	Million dollars...	264.6	205.5	+29
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	778.3	584.3	+33
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	792.6	599.6	+32
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	1,187.3	887.3	+34
Value of shipments <sup>5</sup> .....	..do.....	1,974.0	1,482.1	+33
Capital expenditures, new.....	..do.....	62.7	47.9	+33
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	513	458	+17

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Paper and Board Products, N.E.C., Industry includes establishments engaged primarily in the manufacture from purchased paper, or paperboard of converted paper or paperboard products, n.e.c. Important products of this industry include stationery, tablets, and related products; wrapping products, except coated, oiled and waxed; sanitary food containers, boards and trays; sanitary health products; food serving paper and paperboard products; patterns, tags, laminated and tiled wallboard, and other miscellaneous paper and board products. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Paper and Board Products, N.E.C., Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Paper and Board Products, N.E.C., Industry amounted to \$1,974 million. Of this total, \$1,660 million were products primary to the industry, \$218 million were products primary to other industries, \$92 million were receipts from resale of products,

and \$4 million were receipts for miscellaneous activities. The industry shipments of primary products represented 88 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 90 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,882 million of paper and board products, n.e.c., were shipped by all producers of these products. Of this total, \$1,660 million, or 88 percent, were shipped by plants classified in Industry 2699, Paper and Board Products, N.E.C., while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and totals for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURE

Table 1.—INDUSTRY CLASSIFICATION BY THE STANDARD INDUSTRIAL CLASSIFICATION, 1958, IN THE UNITED STATES

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>3</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	1,700,000	370,000	1,000,000	1,000,000	200,000	70,342	70,342	1,000,000	10,713	1,000,000	1,000,000	1,000,000
New England.....	1,100,000	240,000	600,000	600,000	120,000	40,200	40,200	1,000,000	10,713	1,000,000	1,000,000	1,000,000
Maine.....	10,000	2,000	10,000	10,000	2,000	1,000	1,000	10,000	1,000	10,000	10,000	10,000
New Hampshire.....	20,000	4,000	20,000	20,000	4,000	2,000	2,000	20,000	2,000	20,000	20,000	20,000
Vermont.....	10,000	2,000	10,000	10,000	2,000	1,000	1,000	10,000	1,000	10,000	10,000	10,000
Massachusetts.....	600,000	120,000	300,000	300,000	60,000	20,000	20,000	600,000	6,000	600,000	600,000	600,000
Rhode Island.....	100,000	20,000	100,000	100,000	20,000	7,000	7,000	100,000	1,000	100,000	100,000	100,000
Connecticut.....	1,000,000	200,000	500,000	500,000	100,000	33,200	33,200	1,000,000	10,713	1,000,000	1,000,000	1,000,000
Middle Atlantic.....	2,000,000	400,000	1,000,000	1,000,000	200,000	66,140	66,140	2,000,000	20,716	2,000,000	2,000,000	2,000,000
New York.....	1,500,000	300,000	750,000	750,000	150,000	49,000	49,000	1,500,000	15,000	1,500,000	1,500,000	1,500,000
New Jersey.....	300,000	60,000	150,000	150,000	30,000	10,000	10,000	300,000	3,000	300,000	300,000	300,000
Pennsylvania.....	2,000,000	400,000	1,000,000	1,000,000	200,000	66,140	66,140	2,000,000	20,716	2,000,000	2,000,000	2,000,000
East North Central.....	2,000,000	400,000	1,000,000	1,000,000	200,000	66,140	66,140	2,000,000	20,716	2,000,000	2,000,000	2,000,000
Ohio.....	1,000,000	200,000	500,000	500,000	100,000	33,000	33,000	1,000,000	10,000	1,000,000	1,000,000	1,000,000
Indiana.....	500,000	100,000	250,000	250,000	50,000	16,500	16,500	500,000	5,000	500,000	500,000	500,000
Illinois.....	500,000	100,000	250,000	250,000	50,000	16,500	16,500	500,000	5,000	500,000	500,000	500,000
Michigan.....	500,000	100,000	250,000	250,000	50,000	16,500	16,500	500,000	5,000	500,000	500,000	500,000
Wisconsin.....	500,000	100,000	250,000	250,000	50,000	16,500	16,500	500,000	5,000	500,000	500,000	500,000
West North Central.....	4,000,000	800,000	2,000,000	2,000,000	400,000	131,700	131,700	4,000,000	40,000	4,000,000	4,000,000	4,000,000
Missouri.....	2,000,000	400,000	1,000,000	1,000,000	200,000	65,850	65,850	2,000,000	20,000	2,000,000	2,000,000	2,000,000
South Atlantic.....	5,000,000	1,000,000	2,500,000	2,500,000	500,000	165,850	165,850	5,000,000	50,000	5,000,000	5,000,000	5,000,000
Maryland.....	1,000,000	200,000	500,000	500,000	100,000	33,000	33,000	1,000,000	10,000	1,000,000	1,000,000	1,000,000
Georgia.....	1,000,000	200,000	500,000	500,000	100,000	33,000	33,000	1,000,000	10,000	1,000,000	1,000,000	1,000,000
East South Central.....	1,000,000	200,000	500,000	500,000	100,000	33,000	33,000	1,000,000	10,000	1,000,000	1,000,000	1,000,000
Tennessee.....	1,000,000	200,000	500,000	500,000	100,000	33,000	33,000	1,000,000	10,000	1,000,000	1,000,000	1,000,000
West South Central.....	1,000,000	200,000	500,000	500,000	100,000	33,000	33,000	1,000,000	10,000	1,000,000	1,000,000	1,000,000
Texas.....	1,000,000	200,000	500,000	500,000	100,000	33,000	33,000	1,000,000	10,000	1,000,000	1,000,000	1,000,000
West.....	2,000,000	400,000	1,000,000	1,000,000	200,000	66,140	66,140	2,000,000	20,716	2,000,000	2,000,000	2,000,000
California.....	2,000,000	400,000	1,000,000	1,000,000	200,000	66,140	66,140	2,000,000	20,716	2,000,000	2,000,000	2,000,000

<sup>1</sup>Even producing States not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



Table 3.--QUANTITY OF PAPER AND BOARD CONSUMED AND VALUE OF CONVERTED PAPER AND BOARD PRODUCTS, NOT ELSEWHERE CLASSIFIED, SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity of paper and board consumed in their manufacture and value of these products reported not only by establishments classified in the Paper and Board Products, Not Elsewhere Classified, Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity of paper and board consumed (in short tons)	Value f.o.b. plant (\$1,000)	Quantity of paper and board consumed (in short tons)	Value f.o.b. plant (\$1,000)
2699----	Converted paper products, n.e.c., total.....	4,304,007	1,882,332	3,408,871	1,438,756
26991--	Stationery tablets and related products.....	270,325	155,212	194,671	106,503
2699111	Boxed stationery and portfolios.....	18,021	22,631	19,324	20,920
2699113	Weddings and social announcements (paper, cards and envelopes).....	5,173	4,644	5,232	5,067
2699115	Package paper and envelopes.....	28,450	22,075	17,767	10,838
2699119	Other stationery.....	3,448	2,935	3,714	2,353
	Tablets and related tablet type products:				
2699151	Correspondence type tablets.....	17,665	8,296	11,239	5,733
2699153	Tablets and pads--book and writing, paper grade.....	51,626	25,226	29,360	13,212
2699155	Newsprint tablets and pads.....	17,098	6,638	19,571	5,499
2699157	Notebooks (including mechanical bound by thread, wire, plastic etc.).....	29,649	17,258	26,540	13,360
2699158	Loose-leaf fillers and wrapped ream papers in filler sizes, plain or faint ruled, excluding printed forms.....	82,009	39,086	54,029	26,474
2699159	Other related tablet type products.....	16,185	8,425	7,295	3,037
26992--	Wrapping products, except coated, oiled and waxed.....	315,324	163,098	238,401	106,806
2699211	Paper, waterproofing (plain, reinforced, creped or lined).....	79,230	29,109	75,280	30,112
2699241	Paper, moisture proof and vapor barrier.....	55,999	26,184	44,619	13,885
2699255	Other laminations (except foil) including paper laminated to other sheet materials.....	51,701	21,225	19,032	9,756
	Other wrapping products:				
2699261	Crepe paper (excluding fine creped paper).....	5,088	2,201		
2699267	Creped wadding for packaging (cellulose).....	22,022	10,779	12,716	5,465
	Printed:				
2699281	Less than 18 lbs.....	11,431	13,790	11,659	9,793
2699285	18 lbs. and more.....	25,591	27,807	19,958	14,370
2699287	Unprinted.....	660	951	3,235	2,500
2699298	Other wrapping products, except coated, laminated, oiled, waxed and printed, including saturated and impregnated paper, etc.....	66,882	31,052	51,904	20,925
26993--	Sanitary food containers, boards and trays (for packaging moist, oily or liquid foods).....	1,164,754	588,374	931,018	440,351
2699311	Milk cartons.....	500,208	199,294	397,721	147,527
2699331	Cups and liquid-tight food containers.....	297,467	232,522	246,061	178,245
2699341	Frozen food containers.....	85,230	32,528	54,069	24,130
2699351	Butter, oleo, shortening and ice cream cartons.....	150,392	70,713	157,367	66,388
2699361	Food and ice cream pails.....	14,988	6,337	10,420	5,313
2699371	Meat boards, prepackaging trays and food trays.....	61,869	28,284		
2699398	Other sanitary food containers <sup>1</sup> .....	37,198	18,196	65,380	24,750
26994--	Sanitary health products.....	1,532,389	541,348	1,298,808	427,407
2699411	Facial tissues and handkerchiefs.....	206,327	102,800	179,029	79,861
	Table napkins, including plain, creped, and facial tissue:				
	Industrial (bulk and dispenser types):				
2699431	Regular type--single ply.....	79,938	27,242	67,736	24,198
2699433	Facial tissue type - 2 or more ply.....	8,287	6,012	9,378	5,081
	Retail packages (resale):				
2699435	Regular type--single ply.....	54,881	26,314	67,224	27,423
2699437	Facial tissue type - 2 or more ply.....	42,497	22,934	26,138	12,280
	Toilet paper:				
	Rolls and ovals:				
	Facial tissue type - or more ply:				
2699441	Industrial.....	15,684	8,188		
2699445	Household.....	217,292	85,980	167,986	62,155
	Regular type - single ply:				
2699443	Industrial.....	67,948	18,950	431,464	120,810
2699447	Household.....	392,578	113,939		
2699455	Interfolded and flat package.....	19,674	5,349	22,879	6,753
	Towels (rolled, folded or interfolded):				
2699471	Industrial.....	222,654	558,875	207,921	49,901
2699475	Household.....	168,439	51,185	105,442	30,839
2699481	Wipers (windshield, industrial and lithographic plate).....	21,760	8,413	13,611	8,106
2699498	Other sanitary health products.....	14,370	10,171		
26995--	Food serving paper and paperboard products.....	118,371	66,863	91,159	47,906
2699511	Stamped plates, dishes, spoons, forks, and similar products <sup>1</sup> .....	74,568	28,348	54,846	20,293
2699531	Soda straws, except glass.....	8,384	10,938	4,330	6,845
2699551	Dollies, place mats, and tray dollies (or tray covers).....	13,565	10,788	9,598	7,445
2699598	Other food serving paper and paperboard products.....	21,854	16,739	22,585	13,325



## 1958 CENSUS OF MANUFACTURES

Table 3.—SANITARY FOOD AND DRINK CONTAINERS AND VALUE OF CONVERTED PAPER AND BOARD PRODUCTS SHIPPED BY ALL MANUFACTURERS IN THE UNITED STATES: 1958 AND 1954

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity of paper and board consumed (in short tons)	Value of shipments (\$1,000)	Quantity of paper and board consumed (in short tons)	Value of shipments (\$1,000)
2699—	Converted paper products, n.e.c.—Continued				
26996—	Other converted paper and board products.....	30,750	1,200	20,100	1,000
2699611	Business machine supplies:				
2699617	Rolls for adding and other business machines.....	37,784	11,126	21,326	11,100
2699623	Other business machine supplies, including tapes, tele- types, etc.....	19,576	1,019	14,287	1,000
2699631	Other miscellaneous office supplies, including safety paper... Novelties, games, displays, and similar products:	41,597	1,284	16,650	7,000
2699632	Playing cards, printed:				
2699632	Lithographic process.....	xxx	21,641	NA	11,700
2699632	Lithographic process.....	xxx			xxx
2699634	Fine creped paper (excluding creped wrapping).....	5,497	5,433	4,547	11,000
2699636	Other novelties, games, displays and similar products.....	5,900	6,588	20,250	11,000
2699641	Industrial paper and board products:				
2699641	Laminated wallboard:				
2699642	Quantity (in short tons) of paper and board consumed....	31,871	0,001	45,042	11,000
2699642	Quantity (in 1,000 sq.ft.) of shipments and transfers....	76,482	xxx	123,101	xxx
2699643	Tiled wallboard:				
2699643	Quantity (in short tons) of paper and board consumed....	32,961	15,847	14,166	6,740
2699644	Quantity (in 1,000 sq. ft.) of shipments and transfers....	65,634	xxx	34,632	xxx
2699647	Shredded paper for packing.....	23,808	2,043	NA	NA
2699649	Other industrial paper and board products.....	145,054	37,559	120,783	11,960
2699653	Miscellaneous paper products:				
2699656	Patterns.....	13,819	32,055	13,039	20,000
2699656	Tags, unprinted.....	13,010	12,060		
2699657	Tags, printed:				
2699657	Lithographic process, including embossing.....	21,973	29,628	31,600	35,000
2699658	Lithographic process.....	190	846		
2699663	Folders and mounts, all types.....	14,386	7,601	6,225	6,560
2699667	Corrugated paperboard in sheets and rolls, lined and unlined.....	291,792	57,170	185,600	27,840
2699668	Corrugated and solid fiber pallets, pads and partitions....	77,085	18,378	4,449	1,240
2699672	Labels, unprinted.....	820	3,149	NA	NA
2699691	Other miscellaneous paper and board products, including cigarette paper books, paper draperies, shelf paper, printed and unprinted, etc.....	91,533	47,875	69,114	30,258
2699900	Converted paper and board products, not specified by kind.....	30,405	15,361	xxx	xxx

xxx Not applicable.

NA Not available.

<sup>1</sup>Figures for 1958 and 1954 are not comparable since respondents in 1958 were explicitly instructed to report as "other sanitary food containers" only products made of special food board. Plate, dish, tray, etc., products made of molded pulp have thus been separately identified and assigned products codes in Industry 2694, Pressed and Molded Pulp Goods. When such products were made of paper or paperboard other than special food board, they have been included with "Food Serving Paper and Paperboard Products" under product code 2699511.

<sup>2</sup>Figures for 1958 and 1954 are not comparable since respondents in 1958 reporting on the paper connecting questionnaire were asked to report "Advertising novelties" on a separate line and these shipments were thus identified and assigned as primary products of Industry 3993, Signs and Advertising Displays, product code 3993311.

<sup>3</sup>Includes fabricated products made of hardboard (hard pressed wood fibre board).

<sup>4</sup>Includes twisted paper yarn, tracing paper, drawing paper, artists' sketch books and similar paper products.

<sup>5</sup>Largely accounted for by small establishments (generally those with less than 20 employees) which were not able to provide any breakdown of their shipments by products.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.







# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-27A-1

### BOOK PRINTING INDUSTRY

(Industry Code 2732—SIC system in use through 1957)

Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Book Printing Industry shipped products valued at \$350 million, an increase of 56 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 22 percent from 1954 to 1958 to a total of 27.8 thousand employees in 1958. Value added by manufacture in the industry amounted to \$222 million in 1958, an increase of 53 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE BOOK PRINTING INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2732)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	27.8	22.7	+22
Payroll.....	Million dollars...	140.4	100.4	+40
Production workers:				
Number.....	Thousands.....	23.1	19.1	+21
Man-hours.....	Millions.....	45.4	37.9	+20
Wages.....	Million dollars...	109.4	78.4	+40
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	222.2	144.7	+54
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	222.4	145.0	+53
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	127.6	80.0	+60
Value of shipments <sup>5</sup> .....	..do.....	350.2	225.0	+56
Capital expenditures, new.....	..do.....	10.8	7.2	+50
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	204	153	+33

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Book Printing Industry includes establishments engaged primarily in printing only or in printing and binding books and pamphlets, published elsewhere. Establishments primarily engaged in publishing, or in publishing and printing books and pamphlets are classified in Industry 2731. Establishments engaged in both printing and binding books, but primarily binding books printed elsewhere are classified in Industry 2781. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Book Printing Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Book Printing Industry amounted to \$350 million. Of this total, \$248 million were products primary to the industry, \$96 million were products primary to other industries, and \$6 million were receipts for resales and miscellaneous activities. The industry shipments of primary products represented 72 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 76 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$417 million of books and pamphlets printed only, and printed and bound, were shipped by all producers of these products. Of this total, \$248 million, or 59 percent, were shipped by plants classified in Industry 2732, Book Printing, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

Table 1.-GENERAL STATISTICS FOR THE BOOK PRINTING INDUSTRY (S.I.C. CODE 273) BY REGION AND STATE

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup> (\$1,000)	Adjusted <sup>6</sup> (\$1,000)					
United States Total	27,819	141,361	11,883	44,434	19,420	222,266	222,441	360,186	1,778	24	11,687	144,681
New England	4,542	24,001	1,800	7,116	3,141	21,890	21,727	41,247	1,762	24	3,474	49,000
Massachusetts	2,923	15,801	1,376	4,959	1,128	17,200	17,154	27,800	772	12	2,980	40,700
Middle Atlantic	3,829	20,100	1,621	6,457	2,883	24,883	24,100	47,000	1,303	20	8,240	11,000
New York	3,920	20,100	1,621	6,457	2,883	24,883	24,100	47,000	1,303	20	8,240	11,000
New Jersey	1,081	5,600	470	1,800	800	6,600	6,271	11,000	280	1	800	1,100
Pennsylvania	2,288	11,900	1,151	4,657	2,083	18,283	17,829	36,000	1,023	19	2,100	10,400
East North Central	7,000	36,100	3,000	11,000	5,000	63,100	63,000	104,715	3,302	46	6,240	42,300
Ohio	3,000	15,000	1,200	4,800	2,400	31,111	30,900	51,142	1,400	11	600	4,000
Indiana	1,300	6,500	500	1,800	900	13,763	13,500	22,225	1,600	8	1,600	2,000
Illinois	2,700	13,600	1,300	4,800	2,100	26,600	26,400	31,328	1,100	18	1,735	12,601
West North Central	1,400	7,000	1,150	4,600	2,300	13,100	13,111	20,140	400	12	600	4,200
Michigan	1,000	5,000	800	3,200	1,600	10,618	10,600	16,668	300	5	300	2,200
South Atlantic	1,000	5,000	1,860	7,000	3,400	15,047	15,169	23,300	700	23	1,577	6,000
Maryland	480	2,400	430	1,600	800	1,770	1,700	4,976	120	6	100	1,100
District of Columbia	200	1,000	200	700	300	2,346	2,344	4,100	80	2	250	1,600
North Carolina	300	1,500	200	700	300	1,706	1,192	4,600	60	2	190	766
Georgia	200	1,000	100	400	200	3,162	3,213	4,600	60	6	550	3,400
East South Central	2,100	10,500	1,700	6,600	3,300	15,127	15,100	24,358	900	5	1,683	1,312
West South Central	541	2,705	430	1,600	800	3,451	3,610	6,208	436	7	100	1,806
Pacific	616	3,080	600	2,200	1,100	5,843	5,912	10,278	370	11	344	2,552
California	598	3,144	446	1,600	800	5,234	5,290	9,301	330	9	319	2,401

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.<sup>2</sup> These figures are preliminary estimates for 1958. They are based on reports from establishments in the industry and are subject to change. The figures for 1954 are final. All figures are in thousands of dollars.<sup>3</sup> Value of products shipped less cost of materials, supplies, and other indirect costs.<sup>4</sup> Adjusted value added by manufacture is the sum of the value added by manufacture, plus the value added by the processing of raw materials and the value added by the processing of finished products and work-in-process inventories.<sup>5</sup> Beginning and end of year.<sup>6</sup> For explanation see text under "Value of shipments."<sup>7</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports from all establishments including those with less than 20 employees classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.--VALUE OF RECEIPTS REPORTED BY ALL MANUFACTURING ESTABLISHMENTS IN THE UNITED STATES: 1958 AND 1954

(Includes value of receipt reported not only by establishments classified in the Book Printing Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Value of receipts (\$1,000)	
		1958	1954
2732---	Book and pamphlet printing and complete book manufacturing, total.....	417,040	304,894
	Letterpress process:		
2732011	Books (printing only).....	123,464	33,009
2732013	Books (printed and bound).....	1130,311	104,989
2732015	Pamphlets (at least 5 but less than 49 pages, exclusive of the covers) (printing only), excluding advertising circulars and pamphlets.....	22,437	22,298
2732017	Pamphlets (at least 5 but less than 49 pages, exclusive of the covers) (printed and bound), excluding advertising circulars and pamphlets.....	25,901	22,790
2732010	Book and pamphlet printing (including books printed and bound) <sup>2</sup> .....	319,144	35,596
2732060	Book and pamphlet printing only <sup>2</sup> .....	33,053	
2732005	Book and pamphlet printing and complete book manufacturing (all processes other than lithography) <sup>2</sup> .....	18,580	(4)
	Lithographic process:		
2732031	Books (printing only).....	32,902	21,692
2732033	Books (printed and bound).....	68,201	25,599
2732035	Pamphlets (at least 5 but less than 49 pages, exclusive of the covers) (printing only), exclude advertising circulars and pamphlets.....	21,840	10,840
2732037	Pamphlets (at least 5 but less than 49 pages, exclusive of the covers) (printed and bound) exclude advertising circulars and pamphlets.....	27,359	14,849
2732039	Book and pamphlet printing (including books printed and bound) <sup>2</sup> .....	4,144	(4)
2732030	Book and pamphlet printing only <sup>2</sup> .....	1,471	(4)
2732001	Book and pamphlet printing and complete book manufacturing--lithography.....	11,360	(4)
2732000	Book and pamphlet printing and complete book manufacturing, not specified by kind.....	6,873	43,272

<sup>1</sup>These figures are not strictly comparable with 1954 because in 1958 the nature of the reporting form sent to the smaller establishments did not require respondents to provide a separation of their receipts as between books and pamphlets (also see footnote 2).

<sup>2</sup>Includes a small amount of gravure process printing in 1958. The figure shown in the 1954 column represents gravure process printing exclusively (1954 product codes 2732051 and 2732053).

<sup>3</sup>Accounted for by small establishments (generally less than 10 employees) which were not asked to provide detailed breakdown of their receipts by product.

<sup>4</sup>In 1954, these products were included in "Book and Pamphlet printing and complete book manufacturing, not specified by kind."



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-27A-2

### MISCELLANEOUS PUBLISHING INDUSTRY

(Industry Code 2741—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Miscellaneous Publishing Industry shipped products valued at \$314 million, an increase of 34 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 8 percent from 1954 to 1958 to a total of 19.8 thousand employees in 1958. Value added by manufacture in the industry amounted to \$205 million 1958, an increase of 36 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE MISCELLANEOUS PUBLISHING INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2741)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	19.8	18.4	+8
Payroll.....	Million dollars...	95.2	73.2	+30
Production workers:				
Number.....	Thousands.....	6.5	5.3	+23
Man-hours.....	Millions.....	12.0	9.6	+25
Wages.....	Million dollars...	28.5	24.1	+18
Value added by manufacture, unadjusted <sup>2</sup> .....	.....do.....	204.0	149.3	+37
Value added by manufacture, adjusted <sup>3</sup> .....	.....do.....	204.8	150.5	+36
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	.....do.....	109.9	84.1	+38
Value of shipments <sup>5</sup> .....	.....do.....	314.3	234.6	+34
Capital expenditures, new.....	.....do.....	6.1	3.3	+85
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	162	150	+8

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Miscellaneous Publishing Industry includes establishments engaged primarily in publishing such products as maps, atlases, sheet music, directories, almanacs, catalogs and cards other than greeting cards or engaged in miscellaneous publishing activities, not elsewhere classified, whether or not engaged in printing. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1950 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Miscellaneous Publishing Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Miscellaneous Publishing Industry amounted to \$314 million. Of this total, \$272 million were products primary to the industry, \$27 million were products primary to other industries, and \$15 million were receipts for miscellaneous activities and resales. The industry shipments of primary products represented 91 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 85 percent.

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$310 million of such items as directories, catalogs, business service publications, racing forms, sheet music and shopping news were reported by all publishers of these products. Of this total, \$272 million, or 88 percent, were shipped by plants classified in Industry 2741, Miscellaneous Publishing, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1956 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE MISCELLANEOUS PUBLISHING INDUSTRY (S.I.C. CODE 74) IN THE UNITED STATES

Region and State <sup>1</sup>	1956										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>3</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	19,805	95,151	6,491	11,935	28,469	24,002	24,787	314,253	6,055	162	13,372	14,700
New England.....	1,509	4,102	464	852	1,519	1,470	8,547	12,588	317	13	1,316	1,408
Massachusetts.....	701	3,009	302	548	1,076	6,265	6,317	9,212	262	9	1,468	1,968
Middle Atlantic.....	7,475	39,563	1,441	2,877	6,661	89,968	90,366	12,747	1,571	26	6,846	6,244
New York.....	6,312	34,137	1,147	2,779	5,372	79,082	79,209	10,461	1,142	41	1,875	1,249
New Jersey.....	524	2,887	129	258	627	5,899	6,039	9,077	266	6	449	1,499
Pennsylvania.....	639	2,539	185	340	662	4,987	5,118	7,609	163	9	616	1,200
North Central.....	6,403	30,761	2,844	5,216	12,737	64,867	64,886	123,402	2,521	56	6,634	57,397
Ohio.....	486	1,912	229	380	809	3,789	3,750	5,872	154	9	873	5,575
Illinois.....	3,788	21,115	1,824	3,541	9,432	45,500	45,295	93,068	1,507	23	2,939	31,748
Michigan.....	216	1,787	87	132	258	3,889	4,027	6,722	172	5	949	5,936
Minnesota.....	313	998	94	121	251	1,562	1,472	2,426	(D)	4	445	2,316
Missouri.....	414	1,554	132	262	481	3,004	3,009	4,925	139	5	340	1,295
South Atlantic.....	1,387	5,720	241	421	810	8,475	8,598	12,231	435	10	932	1,207
District of Columbia.....	337	1,923	15	29	43	3,109	3,154	4,421	(D)	1	395	1,090
East South Central.....	118	554	52	100	152	1,849	1,869	2,478	53	1	98	521
West South Central.....	588	1,894	186	351	659	3,994	4,053	5,631	421	5	413	1,252
Mountain.....	300	1,123	156	274	471	2,081	2,221	3,206	162	3	252	1,616
Pacific.....	2,525	11,434	1,087	1,894	5,460	24,298	24,247	33,970	575	18	1,334	8,522

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in the case of associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. A list of the publishable detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase in retail of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for 11 establishments including those with less than 20 employees classified in the industry.

Table 3.—VALUE OF RECEIPTS REPORTED BY ALL MANUFACTURING ESTABLISHMENTS IN THE UNITED STATES: 1958 AND 1954

(Includes value of some products reported not only by establishments in the Miscellaneous Publishing Industry, but also by establishments making these items "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	Value of receipts (\$1,000)	
		1958	1954
2741---	Miscellaneous publishing, total.....	99,570	31,140
2741011	Cards, other than greeting cards (including picture postcards, souvenir cards, etc.).....	6,140	4,817
2741021	Shopping news.....	23,500	10,986
2741031	Sheet music, except book form.....	17,697	10,802
2741035	Directories.....	67,599	10,371
2741045	Catalogs.....	19,829	
2741041	Catalogs, directories and almanacs, etc.....	4,522	
2741051	Business services, loose-leaf and hardbound, including tax, credit, government regulation, cumulative indexes, etc.....	71,815	9,364
2741065	Maps, hydrographic charts, atlases, gazetteers, and globe covers.....	39,858	10,918
2741098	Other miscellaneous publications (e.g., racing forms, almanacs).....	143,693	20,739
2741010	Miscellaneous publishing (except shopping news) not further classified.....	17,864	14,606
2741000	Miscellaneous publishing, not specified by kind.....	8,087	8,119

<sup>1</sup>1954 figures include almanacs which were reported in 1958 as "other miscellaneous publications," product Code 2741098.

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC (P)-27A-3

### BOOKS, PUBLISHING AND PRINTING INDUSTRY

(Industry Code 2731--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Books, Publishing and Printing Industry shipped products valued at \$1,023 million, an increase of 44 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 16 percent from 1954 to 1958 to a total of 40.1 thousand employees in 1958. Value added by manufacture in the industry amounted to \$605 million in 1958, an increase of 49 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE BOOKS, PUBLISHING AND PRINTING INDUSTRY IN THE UNITED STATES: 1954 AND 1958

(Standard Industrial Classification Code 2731)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	40.1	34.7	+16
Payroll.....	Million dollars...	194.0	144.8	+34
Production workers:				
Number.....	Thousands.....	11.0	9.2	+20
Man-hours.....	Millions.....	21.1	17.1	+23
Wages.....	Million dollars...	44.6	29.3	+53
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	598.2	394.7	+51
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	604.7	407.5	+49
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	414.4	301.7	+37
Value of shipments <sup>5</sup> .....	..do.....	1,023.6	708.0	+44
Capital expenditures, new.....	..do.....	154.7	74.6	+68
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	284	197	+43

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resale for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Books, Publishing and Printing Industry includes establishments engaged primarily in publishing only, or in publishing and printing, books and pamphlets. Establishments primarily engaged in printing, or in printing and binding (but not publishing) books and pamphlets are classified in Industry 2732, Book Printing. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Books, Publishing and Printing Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Books, Publishing and Printing Industry amounted to \$1,023 million. Of this total, \$895 million were products primary to the industry, \$76 million were products primary to other industries, \$36 million represented resales and \$16 million were receipts from royalties and other miscellaneous activities. The industry shipments of primary products represented 92

percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 91 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$998 million of receipts from publishing books and pamphlets were reported by all producers of these products. Of this total, \$895 million, or 90 percent, were shipped by plants classified in Industry 2731, Books, Publishing and Printing, while the remainder was shipped by plants classified in other industries.

### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and totals for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

# 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL INFORMATION ON THE BOOK, PUBLISHING AND PRINTING INDUSTRY BY REGION AND STATE

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup>	Adjusted <sup>6</sup>					
United States, total.....	77,89	14,000	11,000	21,147	44,489	598,241	654,742	1,300,000	12,778	234	34,000	394,000
New England.....	1,342	6,330	274	483	797	43,541	44,696	78,363	805	16	1,500	20,800
Massachusetts.....	1,000	5,290	19	326	549	41,950	42,602	74,612	684	11	1,412	20,000
Middle Atlantic.....	2,100	10,799	3,543	7,120	14,639	333,994	344,884	578,243	5,531	110	17,949	219,800
New York.....	1,248	77,869	2,330	4,173	8,200	273,911	281,000	478,448	4,644	8	15,929	200,000
New Jersey.....	3,118	14,137	341	585	1,238	40,927	42,479	63,506	500	11	346	4,000
Pennsylvania.....	1,734	8,773	872	2,363	3,193	22,163	21,374	36,289	362	1	1,073	1,700
East North Central.....	11,403	55,000	3,443	6,691	14,224	149,190	147,237	259,694	4,198	58	1,213	112,300
Ohio.....	1,686	7,883	894	1,816	3,861	17,820	15,740	30,099	539	11	1,437	11,700
Indiana.....	856	3,238	411	789	1,405	5,719	6,366	13,005	316	7	538	2,600
Illinois.....	6,360	29,600	674	1,200	2,472	102,937	105,138	168,277	2,710	31	5,887	76,393
Michigan.....	329	1,371	111	230	458	2,616	2,743	5,631	36	4	268	2,324
Wisconsin.....	2,172	12,963	1,358	2,649	7,024	20,098	17,250	42,682	597	5	2,080	19,232
West North Central.....	3,253	15,571	1,795	3,195	7,293	28,004	28,746	45,674	652	15	3,025	20,355
Minnesota.....	1,902	9,179	1,338	2,351	5,493	15,478	15,981	22,923	259	3	1,526	11,050
Missouri.....	1,122	5,333	390	757	1,643	9,896	9,984	18,200	233	8	825	5,484
South Atlantic.....	964	4,091	396	765	1,389	8,385	8,606	14,627	610	7	379	3,152
East South Central.....	895	3,271	433	710	1,348	11,096	11,317	16,326	218	7	149	1,235
West South Central.....	1,056	4,175	680	1,367	1,980	8,318	8,250	13,135	264	9	922	4,371
Texas.....	938	3,674	652	1,309	1,903	7,198	7,213	11,276	250	6	806	3,687
Mountain.....	304	1,300	208	418	850	2,695	2,765	3,251	76	1	9	32
Pacific.....	712	3,395	276	399	973	8,018	8,241	13,580	354	5	490	4,591
California.....	630	2,909	218	290	614	6,957	7,226	12,191	321	4	430	4,178

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—NUMBER OF COPIES SOLD AND RECEIPTS REPORTED BY ALL BOOK PUBLISHERS IN THE UNITED STATES: 1958 AND 1954

(Includes number of copies sold and dollar receipts reported not only by establishments classified in the Books, Publishing and Printing Industry but also by establishments reporting these receipts as "secondary" activities in other industries. See text under "Value of shipments.")

Product code	Product	1958		1954	
		Number of copies sold	Receipts	Number of copies sold	Receipts
		(1,000)	(\$1,000)	(1,000)	(\$1,000)
2731---	Books and pamphlets, publishing, or publishing and printing, total.....	xxx	998,428	xxx	665,419
	Books (all nonperiodical publications of forty-nine (49) or more pages exclusive of the covers, bound by any method. All hard-bound collections, irrespective of the number of pages, are to be considered books):				
	Textbooks and related instruction materials:				
	Elementary (grades 1-8):				
2731001	Hardbound.....	47,135	76,288	4,541	57,365
2731002	Paperbound.....	26,761	11,580	23,330	17,242
	High school (grades 9-12):				
2731003	Hardbound.....	23,057	58,191	15,627	31,920
2731004	Paperbound.....	2,533	2,024	2,587	2,118
	College (grades 13 and over, including private business and secretarial schools and post high school vocational schools, institutes and training sources of college grade):				
2731005	Hardbound.....	19,554	81,377	14,538	50,241
2731006	Paperbound.....	3,095	2,767	1,286	1,484
2731007	Work books, paperbound (all grades).....	82,572	43,293	159,373	126,902
2731008	Standardized tests (including both tests and answer sheets objective tests, manuals, etc., (all grades), paperbound.....	59,349	5,680	(2)	(2)

See footnotes at end of table.



Table 3.—NUMBER OF COPIES SOLD AND RECEIPTS REPORTED BY ALL BOOK PUBLISHERS IN THE UNITED STATES: 1958 AND 1954—Continued

Product code	Product	1958		1954	
		Number of copies sold (1,000)	Receipts (\$1,000)	Number of copies sold (1,000)	Receipts (\$1,000)
2731009	Books and pamphlets, publishing, or publishing and printing—Continued Subscription reference books, hardbound (sold direct to the consumer through agents or distributors, usually on an installment plan of payment. Includes multi-volume encyclopedias, children's literature, biblical sets, etc., does not include direct-to-consumer sales of medical and law books, Bibles, atlases, dictionaries, etc., as separately classified below).....	390,620	3152,677	325,860	389,825
	Religious books (wholesale price basis: excluding Church and Sunday school merchandise; booklets, pamphlets and tracts of less than 49 pages; periodicals; directories, etc.):				
2731019	Bibles, complete editions, hardbound and paperbound.....	8,903	18,318	11,359	19,125
2731022	Testaments, hardbound and paperbound.....	10,181	4,746		
2731024	Hymnals and devotionals (including prayer books and missals), hardbound and paperbound.....	5,070	7,995	(NA)	43,048
	Other religious books (including books of fiction or nonfiction dealing with religious subjects for adult and juvenile reading):				
2731026	Hardbound.....	9,877	16,075	(NA)	(4)
2731028	Paperbound.....	36,776	11,516	(NA)	(4)
	Technical, scientific and professional books (except textbooks), hardbound and paperbound:				
2731032	Law books (designed for the profession).....	3,580	34,510	19,217	63,635
2731033	Medical books, including nursing and dental subjects (designed for the profession).....	2,423	21,402		
2731036	Business books (nonfiction books on business for adult readers in the profession).....	2,080	9,400		
2731037	Other technical, scientific and professional books.....	15,596	48,821		
	General books:				
2731042	Publishers' sales of books or sheets to book clubs.....	(NA)	971	(NA)	(NA)
2731044	Book club books, hardbound and paperbound (distributed by Book Clubs to their members or subscribers at "retail prices". Includes both the books sold and those distributed as gift books, premiums, dividends, and/or bonus, books; excludes publishers' sales of books or sheets to Book Clubs).....	65,180	94,657	(5)	(5)
2731046	Wholesaled paperbound books usually of digest size (4-1/4" x 6-1/2") and distributed 75% or more through magazine wholesalers.....	237,714	48,613	(6)	(6)
	Adult trade books of fiction or nonfiction, sold primarily through booksellers (retail and wholesale) at trade discounts:				
2731052	Hardbound.....	32,298	64,669	586,314	5133,117
2731053	Paperbound.....	5,661	5,374	6188,239	636,049
	Juvenile books (except toy books), books of fiction or nonfiction sold primarily through book dealers (retail and wholesale) at trade discounts: \$1.00 and over retail hardbound and paperbound.....	34,321	40,218	5220,114	550,835
2731062	Under \$1.00 retail, hardbound and paperbound.....	138,611	21,422		
	All other books not elsewhere classified (include dictionaries, bound volumes of music, art books, larger-than-digest size paperbound books (garden books, how-to-do-it, etc.) wholesale-priced premium book sales to food chains and similar outlets, closed subscription books (those books prepared for one buyer who usually gives them away), etc):				
2731072	Hardbound.....	330,723	352,148	5,453	15,489
2731073	Paperbound.....	25,925	12,737	38,366	423,316
	Pamphlets (collections offered for sale of at least five (5) but less than forty-nine (49) paperbound pages exclusive of the covers):				
2731082	Religious.....	189,180	10,246	2267,088	225,094
2731089	Other.....	187,190	15,174		
2731000	Other books and pamphlets, not specified by kind.....	xxx	25,534	xxx	11,774

NA Not available.

xxx Not applicable.

<sup>1</sup>Figures for 1958 and 1954 may not be strictly comparable since the 1954 figures include sales of 4,621 thousands hardbound copies for which receipts of \$2,805 thousands were reported.

<sup>2</sup>Statistics for this item were collected separately for the first time in 1958. In 1954 "educational and other standardized tests" were included with "pamphlets."

<sup>3</sup>Since these books are frequently sold direct to the consumers, some publishers originally reported their receipts on a retail basis. However, since the value of shipments and/or receipts reported to the Census of Manufacturers are the receipts or receivable net selling values f.o.b. plant (publishing house) after discounts and allowances and excluding freight charges and any excise taxes deductions were made in 1958 from such retail values for the known payments for salesmen's compensation and the operating expenses for sales offices and sales branches maintained to assist in door-to-door distribution. The dollar values reported for 1954 are thus not strictly comparable with those for 1958 in that no such adjustment was made in 1954 in the case of some publishers who reported their receipts on a retail basis. As books in this category are typically sold on an installment plan basis, the values reported here (actual receipts during the year) may not agree with publishers' sales for the same reporting period. In both years the number of copies sold represent the number of volumes rather than the number of sets sold. However, the figures for 1954 and 1958 for number of "subscription reference books" may not be strictly comparable since some dictionaries and other single volume books sold direct to the consumer on a subscription basis were reported in this category in 1954; for 1958 these books were included with "All other books, not elsewhere classified" (product code 2731072).

<sup>4</sup>In 1954 "prayer books" were combined with "General religious books" and "Other religious books, paperbound" were included in a number of instances with "All other books, not elsewhere classified."

<sup>5</sup>In 1954 "Book club books" were included in the "Trade books" category (1954 product codes 2731041-47), with all but a minor portion reported by respondents as "Adult trade books—hardbound, original, editions" (product code 2731041).

<sup>6</sup>In 1954 "Wholesaled paperbound books" were included with "Adult trade books—paperbound, reprint editions (1954 product code 2731043).

USCMM—DC



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1959

MC (P)-1A-4

### NEWSPAPERS INDUSTRY

(Industry Code 2711--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Newspapers Industry shipped products valued at \$3,648 million, an increase of 10 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 5 percent from 1954 to 1958 to a total of 296.0 thousand employees in 1958. Value added by manufacture in the industry amounted to \$2,531 million in 1958, an increase of 18 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE NEWSPAPERS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2711)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	296.0	280.0	+5
Payroll.....	Million dollars...	1,502.4	1,297.1	+20
Production workers:				
Number.....	Thousands.....	154.8	143.4	+8
Man-hours.....	Millions.....	277.1	280.3	-1
Wages.....	Million dollars...	780.0	663.4	+18
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	2,530.7	2,155.1	+18
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	2,531.1	2,137.5	+18
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	1,115.2	994.2	+12
Value of shipments <sup>5</sup> .....	..do.....	3,648.0	3,091.6	+18
Capital expenditures, new.....	..do.....	138.1	75.5	+83
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	1,729	1,636	+6

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Newspapers Industry includes establishments engaged primarily in publishing newspapers, or in publishing and printing newspapers. Job printing is frequently carried on by establishments engaged in publishing and printing newspapers, but even though the job printing may be of major importance, such establishments are included in this industry. For the purposes of the Census of Manufactures, the term "newspaper" has been treated, in 1958 as in 1954, as including those publications issued at regular frequencies which contain news of interest to the general public. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Newspapers Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Newspapers Industry amounted to \$3,648 million. Of this total, \$3,491 million were products primary to the industry, \$125 million were products primary to other industries, and \$32 million were receipts from resales and for miscellaneous activities. The industry shipments of primary products represented 96 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 95 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$3,491 million of receipts from newspaper publishing were reported. All of these receipts were reported by establishments classified in Industry 2711 (see description of industry).

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

INDUSTRY: GENERAL STATISTICS FOR THE MANUFACTURING INDUSTRY, BY STATE, TERRITORY, AND DISTRICT

Region and State <sup>1</sup>	1957										1958	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>3</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>4</sup> (\$1,000)	Adjusted <sup>4</sup> (\$1,000)					
United States, total.....	2,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
New England.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Maine.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
New Hampshire.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Vermont.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Massachusetts.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Rhode Island.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Connecticut.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Middle Atlantic.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
New York.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
New Jersey.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Pennsylvania.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
East North Central.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Ohio.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Indiana.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Illinois.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Michigan.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Wisconsin.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
West North Central.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Minnesota.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Iowa.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Missouri.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
North Dakota.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
South Dakota.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Nebraska.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Kansas.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
North Atlantic.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Delaware.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Maryland.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
District of Columbia.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Virginia.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
West Virginia.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
North Carolina.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
South Carolina.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Georgia.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Florida.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
East South Central.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Kentucky.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Tennessee.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Alabama.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Mississippi.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
West South Central.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Arkansas.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Louisiana.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Oklahoma.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Texas.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Mountain.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Montana.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Idaho.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Wyoming.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Colorado.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
New Mexico.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Arizona.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Utah.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Nevada.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Pacific.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Washington.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
Oregon.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711
California.....	1,259,711	1,259,711	1,259,711	77,711	77,711	178,446	178,446	1,259,711	1,259,711	1,720	2,259,711	1,259,711

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or arms, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report of this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.--VALUE OF RECEIPTS FROM NEWSPAPER PUBLISHING IN THE UNITED STATES: 1958 AND 1954<sup>1</sup>

Product code	Product	Value of receipts (\$1,000)	
		1958	1954 <sup>1</sup>
2711--	Newspaper, total.....	3,490,655	*2,913,167
2711--	Receipts from subscriptions and sales.....	987,771	*837,008
2711101	Morning only (no Sunday editions).....	20,884	
2711122	Morning and Sunday.....	227,041	
2711142	Morning and evening (no Sunday editions).....	9,401	
2711152	Morning, evening, and Sunday.....	293,608	1780,047
2711111	Evening only (no Sunday editions).....	149,381	
2711132	Evening and Sunday.....	204,167	
2711162	Weekly newspapers (including those issued on Sunday only and not published in combination with a daily newspaper).....	71,224	48,324
2711198	Other newspapers (including those issued more frequently than once a week but less than 4 times a week, also those issued less frequently than once a week).....	8,465	6,538
2711100	Receipts from subscriptions and sales, not specified by frequency.....	3,100	2,099
27112--	Receipts from advertising.....	2,428,256	*2,049,538
2711201	Morning only (no Sunday editions).....	57,463	
2711222	Morning and Sunday.....	493,275	
2711242	Morning and evening (no Sunday editions).....	21,249	
2711252	Morning, evening, and Sunday.....	732,187	1,837,803
2711211	Evening only (no Sunday editions).....	407,422	
2711232	Evening and Sunday.....	497,981	
2711262	Weekly newspapers (including those issued on Sunday only and not published in combination with a daily newspaper).....	170,042	176,621
2711298	Other newspapers (including those issued more frequently than once a week but less than 4 times a week, also those issued less frequently than once a week).....	39,958	29,315
2711200	Receipts from advertising, not specified by frequency.....	8,679	5,799
2711000	Newspaper publishing: undistributed receipts (receipts from advertising and sales not reported separately).....	74,628	26,623

\*Revised.

<sup>1</sup>Comparable figures for 1954 can be provided only at the combined levels indicated since in 1954 publishers of combination Daily and Sunday newspapers were given the option of reporting their receipts by separate frequency of issue, whereas in 1958 all such publishers were instructed to report their receipts on a combined frequency of issue basis.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-27A-5

### PERIODICALS INDUSTRY

(Industry Code 2721--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Periodicals Industry shipped products valued at \$1,681 million, an increase of 14 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 6 percent from 1954 to 1958 to a total of 65.9 thousand employees in 1958. Value added by manufacture in the industry amounted to \$953 million in 1958, an increase of 16 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE PERIODICALS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2721)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees <sup>2</sup> :				
Number.....	Thousands.....	65.9	62.4	+6
Payroll.....	Million dollars...	379.6	312.7	+21
Production workers:				
Number.....	Thousands.....	11.5	(NA)	(NA)
Man-hours.....	Millions.....	29.1	(NA)	(NA)
Wages.....	Million dollars...	55.6	(NA)	(NA)
Value added by manufacture, unadjusted <sup>3</sup> .....	..do.....	926.2	795.5	+16
Value added by manufacture, adjusted <sup>4</sup> .....	..do.....	932.7	805.7	+16
Cost of materials, fuel, electricity, and contract work <sup>5</sup> .....	..do.....	748.4	664.0	+13
Value of shipments <sup>6</sup> .....	..do.....	1,680.7	1,469.8	+14
Capital expenditures, new.....	..do.....	36.8	14.5	+154
Number of establishments with 20 or more employees.....	Number.....	385	370	+4

NA Not available.

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Alaska and Hawaii were not States until 1959. They will be covered in separate reports.

<sup>2</sup>The figures for 1958 and 1954 may not be strictly comparable since a significant portion of the employment total was estimated in 1954 for establishments not furnishing this detail in their reports.

<sup>3</sup>Value of production shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>4</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (h) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>5</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>6</sup>For explanation see text under "Value of shipments." Include value of resales for both years.

<sup>7</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00



The Periodicals Industry includes establishments engaged primarily in publishing periodicals, or in preparing, publishing, and printing periodicals. These establishments carry on the various operations necessary for issuing periodicals, but may or may not perform their own printing. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Periodicals Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Periodicals Industry amounted to \$1,681 million. Of this total, \$1,556 million were products primary to the industry, \$110 million were products primary to other industries, and \$35 million were receipts for resales and miscellaneous activities. The industry shipments of primary products represented 95 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 95 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,588 million of receipts from publishers' sale of periodicals. Of this total, \$1,536 million, or 97 percent, were shipped by plants classified in Industry 2721, Periodicals, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

Table 1.—GENERAL STATISTICS FOR THE PERIODICAL INDUSTRY U.S. C. 50-11, BY REGION AND STATE

Region and State <sup>1</sup>	1958								1954			
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup> (\$1,000)	Adjusted <sup>6</sup> (\$1,000)					
United States, total.....	65,888	379,615	11,515	29,071	55,613	926,291	932,749	1,680,700	26,001	100	11,515	55,613
New England.....	1,749	8,842	175	237	501	16,663	16,837	44,154	47	13	1,749	8,842
Massachusetts.....	707	3,682	112	160	342	7,897	7,907	12,641	304	7	707	3,682
Connecticut.....	969	4,882	50	53	118	8,201	8,362	59,776	214	6	1,080	5,412
Middle Atlantic.....	37,625	232,299	4,727	16,531	25,525	615,566	617,965	1,154,498	19,870	172	34,593	122,007
New York.....	29,959	190,493	2,064	11,440	10,557	500,750	503,141	937,130	16,385	144	26,831	113,864
New Jersey.....	568	3,153	75	122	285	8,311	8,225	14,298	364	7	522	5,366
Pennsylvania.....	7,098	38,653	2,588	4,969	15,183	106,505	106,499	203,070	3,121	21	7,240	102,793
East North Central.....	10,361	58,912	2,364	4,434	10,619	126,748	128,737	203,217	4,910	91	13,306	142,804
Ohio.....	2,878	15,750	881	1,585	4,256	34,579	35,389	52,028	1,413	16	3,447	69,609
Indiana.....	526	2,298	291	561	1,158	5,478	5,583	7,911	221	4	475	4,107
Illinois.....	5,616	34,332	801	1,566	3,369	74,267	75,123	122,669	2,179	54	6,282	63,798
Michigan.....	600	3,432	159	270	786	7,189	7,243	12,404	705	10	530	5,220
Wisconsin.....	741	3,100	232	452	1,050	5,235	5,399	8,305	392	7	571	4,058
West North Central.....	6,659	31,497	2,627	5,017	12,438	66,748	67,551	105,757	6,691	36	5,161	48,970
Minnesota.....	1,054	4,860	251	462	1,046	9,548	9,698	15,285	1,153	9	635	5,290
Iowa.....	2,483	12,992	1,166	2,347	6,413	32,536	32,108	46,005	4,962	6	2,480	28,782
Missouri.....	2,167	9,558	940	1,725	3,947	16,177	17,140	28,434	332	16	1,697	12,365
South Atlantic.....	4,452	24,847	465	873	1,761	48,744	49,736	90,071	2,245	25	3,384	31,649
District of Columbia.....	3,315	19,418	299	568	1,165	38,250	39,153	72,036	1,855	17	2,280	25,238
Georgia.....	354	2,090	22	27	49	4,035	4,088	5,934	150	3	264	3,149
East South Central.....	850	3,509	298	497	1,059	8,381	8,428	13,705	232	7	1,156	8,823
Tennessee.....	395	1,358	140	230	316	2,810	2,867	5,058	90	4	620	3,161
Alabama.....	279	1,422	113	193	587	4,138	4,141	6,370	70	1	317	4,369
West South Central.....	1,260	6,219	428	728	1,721	11,573	11,717	17,902	556	11	935	9,604
Oklahoma.....	341	1,956	149	257	620	3,885	3,951	4,949	260	2	265	3,412
Texas.....	739	3,344	252	414	1,000	5,804	5,852	10,010	229	7	566	5,163
Mountain.....	541	1,875	80	160	388	6,143	6,177	9,182	267	4	588	4,231
Colorado.....	541	1,144	43	81	253	4,278	4,295	6,376	128	2	437	3,180
Pacific.....	2,391	11,615	351	594	1,547	25,655	25,701	43,645	1,181	27	1,702	16,994
California.....	2,168	10,761	320	534	1,435	23,876	23,922	40,305	1,073	24	1,547	15,765

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

<sup>6</sup>The figures for 1958 and 1954 may not be strictly comparable since a significant portion of the employment total was estimated in 1954 for establishment not furnishing this detail in their reports.



Table 3.--VALUE OF RECEIPTS FROM PERIODICALS IN THE UNITED STATES: 1958 AND 1954

(Includes value of receipts reported not only by establishments classified in the Periodicals Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Value of receipts (\$1,000)	
		1958	1954
2721----	Periodicals, total.....	1,588,277	1,413,052
27211--	Receipts from subscriptions and sales.....	556,822	530,580
	Farm (agricultural and related):		
	General:		
2721111	Subscription sales.....	7,802	6,964
2721113	Single copy sales.....	631	
	Specialized:		
2721115	Subscription sales.....	2,655	1,611
2721117	Single copy sales.....	484	
	Specialized business and professional <sup>1</sup> :		
	Industrial, engineering, and technical <sup>2</sup> :		
2721121	Subscription sales.....	29,948	20,608
2721122	Single copy sales.....	3,662	
	Merchandising:		
2721123	Subscription sales.....	5,874	3,948
2721124	Single copy sales.....	817	
	Professional, institutional and service <sup>3</sup> :		
2721125	Subscription sales.....	37,699	33,475
2721126	Single copy sales.....	2,661	
	General <sup>4</sup> :		
	Comics:		
2721133	Subscription sales.....	21,027	35,360
2721135	Single copy sales.....		
	Women and home services <sup>5</sup> :		
2721143	Subscription sales.....	31,667	71,958
2721145	Single copy sales.....	41,615	
	General interest and entertainment <sup>6</sup> :		
2721153	Subscription sales.....	104,088	205,450
2721155	Single copy sales.....	69,005	
	General news:		
2721163	Subscription sales.....	51,367	61,431
2721165	Single copy sales.....	13,316	
	Business news:		
2721173	Subscription sales.....	5,266	
2721175	Single copy sales.....		
	Other periodicals, except shopping <sup>7</sup> :		
	News, directories, or catalogs:		
2721193	Subscription sales.....	83,327	63,109
2721195	Single copy sales.....	10,298	
2721100	Receipts from subscriptions and sales, not specified by kind.....	33,473	26,666
27212--	Receipts from advertising.....	988,506	863,493
	Farm:		
2721211	General.....	38,828	39,354
2721215	Specialized.....	16,165	8,419
	Specialized business and professional <sup>1</sup> :		
2721221	Industrial engineering, and technical <sup>2</sup> .....	188,989	102,196
2721223	Merchandising.....	65,523	28,454
2721225	Professional, institutional, and service <sup>3</sup> .....	46,157	38,907
	General <sup>4</sup> :		
2721233	Comics.....	796	4,164
2721243	Women and home services <sup>5</sup> .....	133,569	140,294
2721253	General interest and entertainment <sup>6</sup> .....	214,268	237,337
2721263	General news.....	178,534	178,190
2721273	Business news.....	10,816	
2721293	Other periodicals, except shopping news directories, or catalogs (specify) <sup>7</sup> .....	55,465	31,790
2721200	Receipts from advertising, not specified by kind.....	39,400	54,388
2721000	Periodicals not specified by kind.....	42,949	18,979

<sup>1</sup>This major category was defined for 1958 reporting to include periodicals directed to readership of those making their living primarily in the business or profession covered by the subject matter of the periodical. While no such specific instruction was given in 1954, it is believed that the reporting was reasonably consistent for the two years.

<sup>2</sup>1958 and 1954 data may not be strictly comparable. The 1954 figures include the types identified by respondents as: "Scientific and technical," as well as those classified as "Trade journals: industrial engineering and technical."

<sup>3</sup>Includes the types of periodicals identified as: "Educational," "Legal," "Medical and dental," "Military and naval," "University, college, and school," along with "Trade journals: professional, institutional and service."

<sup>4</sup>This major category was defined for 1958 reporting to include periodicals of "General or broad interest not directed to business, professions or farm audiences." While such specific instruction was given in 1954, it is believed that the reporting was reasonably consistent for the two years.

<sup>5</sup>1958 and 1954 data may not be strictly comparable. The 1954 figures include the types identified by respondents as: "Fashions," "Home and garden," and "Women service."

<sup>6</sup>Includes the types of periodicals identified as: "Art, music, and drama," "Fiction," "General interest," "Geography and travel," "Motion pictures," and "Sports, outdoor, hobbies, etc."

<sup>7</sup>Includes the types of periodicals identified by respondents as: "Religious," "Fraternal and clubs," "Labor," "Juvenile," "Magazine and comic supplements for Sunday newspapers," and "all other."



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

July 1960

MC(P)-27B-Supplement

### SPECIAL PRODUCT REPORT ON MANIFOLD BUSINESS FORMS: 1958

(Supplement to the Commercial Printing, Bookbinding and Related Industries)

(Advance information on products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

Manufacturers' shipments of Manifold Business Form products during 1958 amounted to \$374 million, according to the preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce.

Of the total shipments reported, \$169.2 million or 45 percent were of the continuous type; \$159.5 million or 43 percent were unit-set; and \$45.2 million or 12 percent were sales and other manifold books. The largest single reported product was unit-set forms, specially printed, with a value of \$126.3 million, followed by continuous, strip - specially printed, at \$92.3 million. Of the total Manifold Business Forms products, 53 percent were produced in the Commercial Printing, Except Lithographic, Industry, 38 percent in the Lithographing Industry, and 9 percent in the Blankbooks and Paper Ruling Industry.

Detailed product statistics for 1958 are shown in the accompanying table. Corresponding 1954 figures are not included for comparison because "Other Business Forms" were included with Manifold Business Forms in 1954 and, therefore, the data are not comparable.

Detailed figures for the Manifold Business Form Manufacturing Industry will appear in the final Census reports, which will be published and offered for sale at a later date. These will include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," and "value added," both adjusted and unadjusted. These final industry reports will be published during the late summer and fall of 1960. Order forms for the final reports may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

## VALUE OF SHIPMENTS OF MANIFOLD BUSINESS FORMS, IN THE UNITED STATES: 1958

Product	Value of shipments	Product	Value of shipments
(A)	(\$1,000)	(A)	(\$1,000)
Manifold business forms, total.....	373,995	Manifold business forms—Continued	
Continuous business forms (with or without carbon marginally punched or not marginally punched). Strip (single or multiple copy) form in which the parts are printed on separate sheets of paper, including all forms in which the parts are fastened together by stapling, gluing, crimping or any other fastening except as described under fanfold form below, and except forms for use in autographic registers; strip includes any combined form in which more than 50 percent of the parts are separate and any continuous form consisting of unit sets pasted together in a continuous strip.		Continuous business forms, etc.—Continued	
Strip:		Autographic register (any form, strip or fanfold of any number of parts in continuous rolls or folded peaks sold for use in an autographic register).....	24,498
Imprinted stock forms.....	12,672	Spirit duplicating, paper plates, one part only.....	214
Stock forms.....	18,803	Continuous business forms, not distributed by type...	12,954
Specially printed (produced to individual order)....	92,373	Unit set forms (snap out types, either loose or bound; including tabulation card sets but excluding out single machine tabulation cards):	
Fanfold (multiple copy form of two or more parts, in which the parts are hinged or joined; fanfold includes any combined form in which more than 50 percent of the parts are so hinged and joined).....	17,695	Stock (including imprinted).....	24,766
		Specially printed (produced to individual order)....	126,312
		Unit-set forms, not distributed by type.....	18,473
		Sales and other manifold books:	
		Stock (not including imprinted).....	11,240
		Specially printed (produced to individual order).....	31,975
		Sales and other manifold books, not distributed by type.....	12,020

<sup>1</sup>Accounted for by small establishments (generally less than 10 employees) which were not asked to report a breakdown of these receipts by type of product.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

October 14, 1960

MC(P)-27B-Supplement

### SPECIAL REPORT ON COMMERCIAL PRINTING: 1958

(Supplement to the Commercial Printing, Bookbinding and Related Industries)

(Advance information on products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

Receipts by commercial printing establishments in the United States in 1958 amounted to \$4,283 million as reported in the Census of Manufactures, according to the Bureau of the Census, Department of Commerce. This represents a billion dollar increase over the \$3,285 million recorded in the 1954 Census, the last complete census prior to 1958. (See table 1 for details.)

This report combines for convenience of reference the information formerly released in the following separate preliminary industry and product reports prepared on the basis of the 1945 Standard Industrial Classification System: Commercial Printing, Except Lithographing, Industry (2751); Lithographing Industry (2761); and Engraving and Plate Printing Industry (2792).

Commercial printing establishments are defined as those engaged primarily in commercial or job printing by any process (letterpress, lithography, gravure, screen, etc.), except printing of books, pamphlets, and greeting cards. It does not include captive printing unless recognized and reported as a separate establishment.

These data have been summarized and presented by Census year since 1939 on the old Standard Industrial Classification system basis for purposes of historical comparison. When published in the final Industry Report, the

new Standard Industrial Classification system adopted in 1957 will be followed, which will exclude establishments primarily manufacturing manifold business forms (See footnote 4 to table 1.)

Table 3 in this report shows the total dollar value of receipts for printing specific products classified in commercial printing industries, wherever made, and provides information about the extent to which individual printing processes are used. The basic difference between the value of printed products shown in this table and the total "value of shipments" for the industries included in table 1 is due to the exclusion of manifold business forms from table 3. Data showing receipts for printing manifold business forms, books, pamphlets, and greeting cards are shown in footnote 1 of table 3.

Table 2 reflects an attempt for the first time, in the 1958 Census of Manufactures, to measure the significance of printing in paper and board converting industries by recording the total number of employees engaged directly in printing (composing, plate making, printing, etc.). Each establishment was also asked to indicate the type of press equipment operated. The data shown in table 2 for number of establishments reporting a specific type of press should not be regarded as the total number of presses since more than one press of a given type may have been operated in a single establishment.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

Table 1.--GENERAL STATISTICS FOR THE UNITED STATES: 1958 AND EARLIER YEARS

Code	Industry and year	Establishments, number		All employees		Production workers			Value added by manu- facture, <sup>1</sup> adjusted <sup>1</sup> (\$1,000)	Cost of materials <sup>2</sup> (\$1,000)	Value of shipments <sup>3</sup> (\$1,000)	Capital expendi- tures, new (\$1,000)
		Total	20 or more employ- ees	Number	Payroll (\$1,000)	Number	Man- hours (1,000)	Wages (\$1,000)				
See text	Commercial printing <sup>4</sup> :											
	1958.....	17,937	2,903	305,864	1,614,982	237,603	494,937	1,168,668	2,527,580	1,753,742	4,283,351	175,111
	1957 <sup>5</sup> .....	(NA)	(NA)	309,320	1,544,941	242,331	476,443	1,113,722	2,601,176	(NA)	(NA)	(NA)
	1956 <sup>5</sup> .....	(NA)	(NA)	301,862	1,461,039	236,815	468,034	1,058,342	2,426,715	(NA)	(NA)	(NA)
	1955 <sup>5</sup> .....	(NA)	(NA)	295,228	1,358,521	230,029	451,765	985,983	2,225,736	(NA)	(NA)	(NA)
	1954.....	15,564	2,508	285,460	1,294,642	223,825	435,919	933,816	1,993,961	1,320,933	3,314,723	102,378
	1947.....	13,761	2,326	233,343	811,878	203,697	420,766	597,347	1,324,242	730,358	2,034,600	78,608
	1939.....	10,780	(NA)	167,646	272,672	103,992	(NA)	178,030	436,544	255,449	691,994	(NA)

NA Not available.

<sup>1</sup>For the years 1954 and 1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Unadjusted value added by manufacture in 1954 was \$1,936,703 thousand, approximately 3 percent below the adjusted value added figure.<sup>2</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. The cost of materials, etc., excluding the cost of products bought for resale in 1954 was \$1,244,796 thousand, approximately 5 percent below the total shown with cost of resales included.<sup>3</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. Value of shipments excluding resales in 1954 was \$3,224,710 thousand, approximately 5 percent below the total shown with value of resales included.<sup>4</sup>For historical purposes, this table summarizes the activities of the "Commercial Printing" industries as defined in the 1945 Standard Industrial Classification under Industry codes 2751, Commercial Printing, 2761, Lithography, and adds 2792, Engraving and Plate Printing, now included in the Commercial Printing group in the 1957 classification system. Thus, manifold business form manufacturers, separately recognized as an industry (2761) in the 1957 system, are included in these establishment statistics.<sup>5</sup>The figures for 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period.

Table 2.--EMPLOYMENT AND TYPE OF PRESS EQUIPMENT OPERATED BY CONVERTED PAPER AND BOARD INDUSTRIES: 1958

Industries	Number of production workers engaged in printing	Number of establishments reporting printing activity by type of press operated						
		Letter- press	Litho- graphic	Gravure	Flexo- graphic	Screen	Engraving	Other <sup>1</sup>
Converted paper and board products industries, total	28,164	871	212	119	346	41	40	244
Paperboard containers and boxes.....	17,016	543	117	51	107	22	10	186
Other paper and board converting.....	11,148	328	95	68	239	19	30	58

<sup>1</sup>Believed to consist principally of relief-type presses generally classified as letterpress or flexographic, in addition to a small number of unspecified and "other" type presses. Most of the establishments reporting in this category are manufacturers of corrugated shipping containers.



Thousands of dollars.

Products	Total	Letter-press	Litho-graphic	Other	Manifold, carbon, and other
Commercial printing, total <sup>1</sup> .....	2,577,267	1,400,500	1,000,000	176,767	100,000
Magazine and periodicals.....	729,761	460,600	27,120	102,041	...
Labels:					
Flat.....	260,869	123,207	11,400	4,157	...
Roll.....	45,160	15,000	1,777	25,723	...
Decal.....	15,506	2,216	6,500	...	2,000
Wrappers:					
Paper.....	62,443	31,350	10,213	12,750	...
Cellophane.....	14,381	57,774	25,719	203,900	...
Other.....	16,988	16,988	...	...	...
Catalogs.....	119,658	57,160	62,498	...	...
Directories.....	77,301	64,721	13,158	...	...
Catalogs and directories, not reported separately.....	54,307	19,232	...	40,595	...
Financial and legal printing, except checkbooks.....	122,755	66,989	50,329	5,737	...
Financial and legal printing, except checkbooks, not specified by kind.....	4,172	4,172	...	...	...
Direct mail.....	446,113	179,837	266,301	...	...
Display advertising.....	154,267	28,442	101,592	...	24,893
Other advertising printing.....	348,212	98,914	209,425	34,098	29,555
Advertising printing, not specified by kind.....	12,553	12,553	...	...	...
Maps, atlases, and globe covers.....	7,761	229	7,552	...	...
Seals, except hand printed, Christmas, Easter, birthday, Valentine, etc.....	2,059	775	1,284	...	...
Picture post cards and souvenir cards.....	5,902	2,553	3,349	...	...
Seals, except Christmas.....	13,764	8,827	4,937	...	...
Tickets.....	14,500	13,411	1,089	...	...
Food and beverage checks.....	5,286	4,864	422	...	...
Newspapers, ready prints.....	138,116	110,009	21,559	6,548	...
Decalcomanias.....	20,394	1,792	9,257	...	2,545
Business forms, other than manifold.....	160,307	103,533	56,774	...	...
Tags, printed.....	30,474	29,628	846	...	...
Playing cards.....	22,361	9,877	12,484	...	...
Printing on metal.....	16,393	1,779	14,619	...	...
Coupons.....	6,095	4,607	1,488	...	...
Calendars and calendar pads.....	64,455	37,995	26,460	...	...
All other general commercial printing, including "job printing".....	301,635	174,654	96,366	25,269	25,346
Commercial printing, not specified by kind.....	371,057	301,212	50,445	2,442	16,958
Gravure plates.....	14,645	...	...	14,645	...
Lithographic plates.....	67,952	...	67,952	...	...
Security (certificates, etc.).....	17,789	...	...	...	17,789
Social (announcement, etc.).....	11,496	...	...	...	11,496
Commercial (calling cards, etc.).....	20,360	...	...	...	20,360
Other (engraving).....	6,413	...	...	...	6,413
Rubber plates.....	6,154	...	...	...	6,154
Other duplicate plates for letterpress.....	14,557	...	...	...	14,557

<sup>1</sup>Does not include printing of books or greeting cards for others or the manufacturing of manifold business forms as these specialized printing activities are not classified as "Commercial printing" in the 1957 Standard Industrial Classification system. The following table indicates the 1958 volume of these specialized printing activities thus excluded from the above table.

Products	Total (\$1,000)	Letter-press (\$1,000)	Litho-graphic (\$1,000)	Other (\$1,000)
Total.....	851,911	xxx	xxx	xxx
Book and pamphlet printing and binding of books (published elsewhere).....	417,040	124,890	167,277	16,873
Greeting cards printed for others.....	38,119	19,690	18,022	467
Manifold business form manufacturing.....	396,752	(NA)	(NA)	(NA)

NA Not available.

<sup>2</sup>Preliminary.<sup>3</sup>Screen printing.<sup>4</sup>Combined to avoid disclosing the figures of individual companies.<sup>5</sup>Engraving.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

December 1959

MC(P)-27B-1

### MISCELLANEOUS BOOKBINDING WORK INDUSTRY

(Industry Code 2789--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Miscellaneous Bookbinding Work Industry shipped products valued at \$39 million, an increase of 77 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 33 percent from 1954 to 1958 to a total of 4 thousand employees in 1958. Value added by manufacture in the industry amounted to \$27 million in 1958, an increase of 60 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR MISCELLANEOUS BOOKBINDING WORK INDUSTRY, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2789)

Item <sup>1</sup>	Unit of Quantity	1958 <sup>2</sup>	1954 <sup>2</sup>	Percent change 1954 to 1958
<b>All employees:</b>				
Number.....	Thousands.....	4	3	+53
Payroll.....	Million dollars...	17	11	+55
<b>Production workers:</b>				
Number.....	Thousands.....	4	3	+53
Man-hours.....	Millions.....	7	6	+17
Wages.....	Million dollars...	13	8	+63
Value added by manufacture, unadjusted.....	.....do.....	27	17	+60
Value added by manufacture, adjusted.....	.....do.....	27	17	+60
Cost of materials, fuel, electricity, and contract work.....	.....do.....	11	5	+120
Value of shipments.....	.....do.....	39	22	+77
Capital expenditures, new.....	.....do.....	2	1	+100
Number of establishments with 20 or more employees.....	Number.....	65	55	+18

<sup>1</sup>For definition of items see Text.

<sup>2</sup>The figures in this report include the results for establishments located in the continental United States. Alaska and Hawaii were not States until 1959. They will be covered in separate reports.

<sup>3</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of approximately 350-400 preliminary Census of Manufactures reports, \$35.00.

The Miscellaneous Bookbinding Work Industry includes establishments engaged primarily in book or paper bronzing, gilding, and edging; in map and sample mounting; and other services related to bookbinding. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Miscellaneous Bookbinding Work Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Miscellaneous Bookbinding Work Industry amounted to \$39 million. Of this total, \$34 million were products primary to the industry, with the \$5 million representing products primary to other industries, and miscellaneous receipts. The industry shipments of primary products represented 87 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 84 percent.

The total value of shipments for the industry which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$43 million of receipts from miscellaneous bookbinding work were reported by all establishments. Of this total, \$34 million, or 79 percent were shipped by plants classified in Industry 2789 while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and totals for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

Table 1.--GENERAL STATISTICS OF THE MANUFACTURING INDUSTRY: 1958 AND 1954

(For explanatory notes see following page Text)

Region and State	1958										1954	
	All empl. years		Production workers			Value added by manu- facture		Value of shipments	Capital expen- diture, new	Total employ- ment	All em- ployees, number	Value added by manufac- ture, \$1,000
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	(\$1,000)	(\$1,000)			
UNITED STATES, TOTAL	4,294	17,475	1,968	7,074	12,651	27,786	27,834	28,006	1,874	1,874	1,874	16,500
New England.....	1,101	4,400	514	1,840	3,140	6,745	6,745	6,745	437	437	437	4,000
Middle Atlantic.....	1,101	4,400	514	1,840	3,140	6,745	6,745	6,745	437	437	437	4,000
New York.....	1,101	4,400	514	1,840	3,140	6,745	6,745	6,745	437	437	437	4,000
East North Central.....	1,101	4,400	514	1,840	3,140	6,745	6,745	6,745	437	437	437	4,000
Illinois.....	925	4,247	411	1,512	3,057	6,076	6,076	6,076	371	371	371	3,471
West North Central.....	1,101	4,400	514	1,840	3,140	6,745	6,745	6,745	437	437	437	4,000
South.....	1,101	4,400	514	1,840	3,140	6,745	6,745	6,745	437	437	437	4,000
West.....	1,101	4,400	514	1,840	3,140	6,745	6,745	6,745	437	437	437	4,000

<sup>1</sup>Each producing State not shown separately in the above table was with 12 either (a) to avoid disclosing figures for individual companies; or (b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

<sup>2</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--VALUE OF PRODUCTS SHIPPED BY ALL MANUFACTURING ESTABLISHMENTS FOR THE UNITED STATES: 1958 AND 1954

Product code	Product	Value of receipts \$1,000	
		1958	1954
2789---	Miscellaneous bookbinding work, total.....	42,704	3,704
2789011	Embossing, varnishing, indexing, mounting, and other service operations related to bookbinding (including sample and color card.....)	42,704	3,704

USCOMM-DC

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

January 1960

MC(P)-27B-2

### BLANKBOOKS AND PAPER RULING INDUSTRY

(Industry Code 2782—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Blankbooks and Paper Ruling Industry shipped products valued at \$136 million, an increase of 72 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 22 percent from 1954 to 1958 to a total of 10.8 thousand employees in 1958. Value added by manufacture in the industry amounted to \$81 million in 1958, an increase of 65 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE BLANKBOOKS AND PAPER RULING INDUSTRY, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2782)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	10.8	8.6	+22
Payroll.....	Million dollars...	48	30	+60
Production workers:				
Number.....	Thousands.....	8.2	7.0	+177
Man-hours.....	Millions.....	16	13	+23
Wages.....	Million dollars...	31	21	+48
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	82	48	+70
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	81	49	+65
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	53	31	+71
Value of shipments <sup>5</sup> .....	..do.....	136	79	+72
Capital expenditures, new.....	..do.....	5	2	+150
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	109	72	+51

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Blankbooks and Paper Ruling Industry includes establishments engaged primarily in the manufacture of blankbooks, such as ledgers, account books, and composition books; receipt pads; check books; inventory and similar blankbooks; albums; salesbooks; and scrap books (including leather bound); and in ruling paper. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in The Blankbooks and Paper Ruling Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Blankbooks and Paper Ruling Industry amounted to \$136 million. Of this total, \$100 million were products primary to the industry, \$36 million were products primary to other industries, and receipts for miscellaneous activities. The industry shipments of primary products represented 74 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 76 percent.

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$154 million of receipts from blankbook making and paper ruling were reported by all producers of these products. Of this total, \$100 million, or 66 percent, were shipped by plants classified in industry 2782, Blankbooks and Paper Ruling while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE BLANKBOOKS AND PAPER RULING INDUSTRY (S.I.C. CODE 2611) REPORTED AND SHIPPED BY ALL MANUFACTURING ESTABLISHMENTS

(For explanation of column captions see text)

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>2</sup> (\$1,000)					
United States, total.....	18,784	47,830	12,263	16,094	31,000	8,930	8,425	136,365	4,331	109	8,600	47,910
New England.....	845	1,326	713	1,365	2,397	4,545	4,557	8,790	71	10	1,000	1,100
Middle Atlantic.....	3,152	13,728	2,579	5,079	9,985	26,061	25,225	45,131	1,688	34	2,847	15,413
New York.....	1,628	8,240	1,459	2,925	5,835	15,904	16,662	28,415	1,130	22	1,858	10,646
New Jersey.....	971	4,011	832	1,679	3,152	7,718	6,113	12,776	483	5	654	3,230
Pennsylvania.....	353	1,472	288	475	998	2,439	2,450	3,840	75	7	335	1,136
East North Central.....	2,553	12,160	1,721	3,341	6,789	19,563	19,538	31,041	1,091	26	2,438	13,334
Ohio.....	1,122	5,410	634	1,272	2,559	8,403	8,552	13,096	484	6	1,049	5,918
Illinois.....	624	3,210	472	924	1,942	5,183	5,202	7,896	226	7	571	3,137
Michigan.....	381	1,686	258	501	1,139	2,941	2,877	4,935	222	2	438	2,479
West North Central.....	1,001	4,765	721	1,361	3,024	7,764	7,693	13,057	443	10	492	1,598
South.....	2,239	8,703	1,771	3,421	5,872	15,748	15,950	25,496	741	19	1,081	5,635
Oklahoma.....	12	57	6	14	23	120	120	160	3	...	...	...
West.....	994	5,144	766	1,527	3,547	8,249	8,462	12,850	347	16	760	6,135
California.....	711	3,733	542	1,088	2,529	6,227	6,422	9,658	293	11	679	5,651

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—VALUE OF PRODUCTS IN THE BLANKBOOKS AND PAPER RULING SHIPPED BY ALL MANUFACTURING ESTABLISHMENTS FOR THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Blankbooks and Paper Ruling Industry, but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Value of shipments including interplant transfers (\$1,000)	
		1958	1954
2782---	Blankbook making and paper ruling, total.....	153,652	91,524
2782011	Ledgers, and account books other than sales books.....	11,003	6,848
2782021	Sales books, regardless of printing process.....	35,692	26,865
2782031	Albums and scrap books (including record, photograph, and stamp albums, etc.).....	21,480	16,800
2782035	Diaries and appointment books.....	7,121	...
2782043	Checkbooks (including inserts and refills but excluding those in continuous form and die cut) <sup>1</sup> .....	27,642	...
2782045	Letterpress process.....	18,495	130,767
2782055	Lithographic process.....	...	...
2782055	Miscellaneous blankbooks, (including address books and case-made memo books, sewed or glued to leather, imitation leather, or similar materials) <sup>1</sup> .....	14,876	...
2782061	Paper ruling (pen and disc).....	8,196	4,679
2782000	Blankbooks and paper ruling, not reported separately or specified by kind.....	9,135	5,565

<sup>1</sup>The 1958 and 1954 figures for these products are not strictly comparable. For example in 1954 no provision was made for reporting receipts separately for checkbooks or printed checks and it is believed that a significant portion of such receipts was accounted for in 1954 by commercial printing establishments classified in (Industries 2751 and 2761) who reported check printing; and checkbook manufacturing as "Other General (commercial) job printing," (1954 Product Code 2751039 when the letterpress process was used and 2761039 when done by lithographic process); also, it is believed that the reporting of other individual products was significantly better in 1958 than in 1954.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

January 1960

MC(P)-27B-3

### LITHOGRAPHING INDUSTRY

(Industry Code 2761--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Lithographing Industry shipped products valued at \$1,474 million, an increase of 48 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 26 percent from 1954 to 1958 to a total of 97.5 thousand employees in 1958. Value added by manufacture in the industry amounted to \$872 million in 1958, an increase of 48 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE LITHOGRAPHING INDUSTRY IN THE UNITED STATES: 1954 and 1958  
(Standard Industrial Classification Code 2761)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
<b>All employees:</b>				
Number.....	Thousands.....	97.5	77.7	+26
Payroll.....	Million dollars...	555.9	576.6	+4
<b>Production workers:</b>				
Number.....	Thousands.....	74.1	64.2	+15
Man-hours.....	Millions.....	143.7	113.8	+26
Wages.....	Million dollars...	381.4	281.2	+36
Value added by manufacture, unadjusted <sup>2</sup> .....	...do.....	862.0	578.2	+49
Value added by manufacture, adjusted <sup>3</sup> .....	...do.....	372.4	238.7	+56
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	...do.....	527.4	409.1	+29
Value of shipments <sup>5</sup> .....	...do.....	1,473.5	997.7	+48
Capital expenditures, new.....	...do.....	58.9	34.0	+73
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	1,000	788	+27

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Lithographing Industry includes establishments engaged primarily in commercial or job printing by the lithographic process. Offset printing, photo-offset printing, and photo-lithographing are also included in this industry, as are establishments primarily engaged in printing decalcomanias by all processes and the making of lithographic plates for others. Establishments primarily engaged in lithographing books and pamphlets (without publishing) and greeting cards are classified in Industries 2732, and 2771, respectively. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Lithographing Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Lithographing Industry amounted to \$1,474 million. Of this total, \$1,152 million were products primary to the industry, \$271 million were products primary to other industries, \$34 million represented resales of products, and \$17 million were

receipts for miscellaneous activities. The industry shipments of primary products represented 81 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 82 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,443 million of receipts from commercial lithographing were reported by all manufacturing establishments. Of this total, \$1,152 million, or 80 percent, were shipped by plants classified in Industry 2761, Lithographing, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE LITHOGRAPHING INDUSTRY  
For explanation of symbols, see text

Region and State <sup>1</sup>	1958										1954
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup>	Adjusted <sup>3</sup>	(\$1,000)	(\$1,000)	All employees, number	(\$1,000)
UNITED STATES, TOTAL.....	25,710	1,177,775	18,711	10,711,475	561,475	561,475	561,475	1,177,775	25,710	1,177,775	561,475
New England.....	5,751	277,775	4,409	2,615,475	127,775	127,775	127,775	277,775	5,751	277,775	127,775
Massachusetts.....	1,659	77,775	1,274	7,775	37,775	37,775	37,775	77,775	1,659	77,775	37,775
Rhode Island.....	452	24,775	337	2,075	97,775	97,775	97,775	24,775	452	24,775	97,775
Connecticut.....	1,544	77,775	1,133	7,075	27,775	27,775	27,775	77,775	1,544	77,775	27,775
Middle Atlantic.....	8,689	377,775	6,116	3,654,475	161,475	161,475	161,475	377,775	8,689	377,775	161,475
New York.....	18,325	1,177,775	14,076	8,076,475	361,475	361,475	361,475	1,177,775	18,325	1,177,775	361,475
New Jersey.....	3,743	20,775	2,659	1,112,475	17,775	17,775	17,775	20,775	3,743	20,775	17,775
Pennsylvania.....	7,621	38,775	5,445	1,511,475	28,775	28,775	28,775	38,775	7,621	38,775	28,775
East North Central.....	30,455	177,775	22,571	13,838,475	117,475	117,475	117,475	177,775	30,455	177,775	117,475
Ohio.....	8,565	47,775	6,150	11,775	72,775	72,775	72,775	47,775	8,565	47,775	72,775
Indiana.....	1,621	1,775	1,328	2,775	6,775	6,775	6,775	1,775	1,621	1,775	6,775
Illinois.....	12,744	79,775	9,638	19,355,475	115,052	115,052	115,052	79,775	12,744	79,775	115,052
Michigan.....	4,222	20,775	3,102	6,104,475	17,775	17,775	17,775	20,775	4,222	20,775	17,775
Wisconsin.....	3,791	19,775	2,793	5,632,475	10,502	10,502	10,502	19,775	3,791	19,775	10,502
West North Central.....	8,339	46,775	6,159	12,143,475	31,775	31,775	31,775	46,775	8,339	46,775	31,775
Minnesota.....	2,534	16,775	1,843	11,043,475	11,589	11,589	11,589	16,775	2,534	16,775	11,589
Iowa.....	973	2,622	764	970,475	2,017	2,017	2,017	2,622	973	2,622	2,017
Missouri.....	4,782	22,775	3,616	14,662,475	14,591	14,591	14,591	22,775	4,782	22,775	14,591
Kansas.....	479	2,555	360	657,475	1,740	1,740	1,740	2,555	479	2,555	1,740
South Atlantic.....	5,680	3,433	4,532	8,775	1,477	1,477	1,477	3,433	5,680	3,433	1,477
Maryland.....	1,414	7,775	1,182	2,655,475	1,807	1,807	1,807	7,775	1,414	7,775	1,807
District of Columbia.....	779	4,333	616	1,177,475	3,775	3,775	3,775	4,333	779	4,333	3,775
Virginia.....	982	5,475	608	1,177,475	2,311	2,311	2,311	5,475	982	5,475	2,311
North Carolina.....	483	2,112	378	775,475	1,467	1,467	1,467	2,112	483	2,112	1,467
Georgia.....	215	4,921	744	1,574,475	8,024	8,024	8,024	4,921	215	4,921	8,024
Florida.....	764	5,411	580	1,175,475	5,869	5,869	5,869	5,411	764	5,411	5,869
East South Central.....	8,461	16,475	6,737	13,411,475	11,740	11,740	11,740	16,475	8,461	16,475	11,740
Kentucky.....	2,579	1,775	1,782	3,640,475	1,111	1,111	1,111	1,775	2,579	1,775	1,111
Tennessee.....	1,775	4,659	775	1,441,475	2,075	2,075	2,075	4,659	1,775	4,659	2,075
Alabama.....	274	1,595	225	417,475	1,707	1,707	1,707	1,595	274	1,595	1,707
West South Central.....	4,194	19,775	2,911	9,532,475	13,775	13,775	13,775	19,775	4,194	19,775	13,775
Oklahoma.....	640	3,055	429	775,475	4,460	4,460	4,460	3,055	640	3,055	4,460
Texas.....	3,554	15,641	2,482	4,750,475	9,315	9,315	9,315	15,641	3,554	15,641	9,315
Mountain.....	1,321	7,775	1,174	2,775,475	5,747	5,747	5,747	7,775	1,321	7,775	5,747
Colorado.....	926	5,775	724	1,550,475	5,505	5,505	5,505	5,775	926	5,775	5,505
Utah.....	419	1,559	224	436,475	415	415	415	1,559	419	1,559	415
Pacific.....	3,614	27,775	2,504	14,475,475	14,759	14,759	14,759	27,775	3,614	27,775	14,759
Washington.....	891	5,449	775	1,875,475	7,056	7,056	7,056	5,449	891	5,449	7,056
Oregon.....	579	3,441	458	756,475	4,874	4,874	4,874	3,441	579	3,441	4,874
California.....	3,122	18,923	2,271	11,843,475	19,904	19,904	19,904	18,923	3,122	18,923	19,904

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>1</sup>Each producing State not shown separately in the above table was within either (a) too low a disclosing figure for individual companies in the or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publicationable detail will appear in the final Census report on this industry.)<sup>2</sup>Value of products shipped 1 as cost of materials, supplies, fuel, electricity, and contract work.<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchases and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.<sup>4</sup>For explanation see text under "Value of shipments."<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.--VALUE OF RECEIPTS FROM LITHOGRAPHY, IN THE UNITED STATES: 1958 AND 1954

(Includes value of these products reported not only by establishments classified in the Lithography Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of Shipments.")

Product code	Product	Value of receipts (\$1,000)	
		1958	1954
2761---	Lithographing (except books and pamphlets) (including decalcomanias, all processes), total.....	1,442,727	999,112
2761012	Newspapers, ready prints (patent sides) shopping news and market circulars.....	21,833	2,481
2761013	Magazines and periodicals (including magazine and comic supplements for Sunday newspapers).....	87,054	34,195
2761015	Maps, atlases, and globe covers (including road maps and strip maps) (printing only).....	7,224	4,082
2761016	Seals, except hand painted: Christmas, birthday, Valentine, Easter, etc.....	1,284	( <sup>1</sup> )
2761017	Picture post cards and souvenir cards (excluding advertising--direct mail and reply cards).....	3,349	4,507
2761018	Seals, except Christmas, etc., but including trading stamps.....	4,937	( <sup>1</sup> )
	Advertising printing (printing designed to sell products or services):		
2761019	Direct mail (including circulars, letters, pamphlets, cards, and printed envelopes).....	267,904	( <sup>1</sup> )
2761022	Display advertising (posters, car cards, window, counter and floor displays and other printed display material).....	97,918	( <sup>1</sup> )
2761024	Other advertising printing not reported above by product (including brochures, pamphlets, catalog sheets, circular folders, broadsides, announcements, package inserts, etc.).....	208,551	( <sup>1</sup> )
2761028	Financial and legal printing, except checkbooks (including bank forms, imprinting of bank checks, insurance forms, security certificates, etc.).....	50,055	( <sup>1</sup> )
2761029	Printing on metal.....	14,619	( <sup>1</sup> )
2761032	Coupons.....	1,488	( <sup>2</sup> )
2761033	Calendars and calendar pads.....	27,409	32,222
2761034	Catalogs.....	62,294	
2761036	Directories of all types.....	13,138	50,452
2761037	Tickets (including transportation and amusement).....	1,069	21,702
2761038	Food and beverage checks.....	422	( <sup>1</sup> )
2761052	Decalcomanias (letterpress).....	317	2,120
2761054	Decalcomanias (lithography).....	9,257	11,339
2761055	Decalcomanias (screen).....	9,345	11,201
	Decal labels, custom and stock printed (including bordered) made of paper or foil (excluding labels made of fabric):		
2761061	Screen process.....	7,723	( <sup>3</sup> )
2761063	Lithographic.....	2,804	( <sup>3</sup> )
2761065	Other.....	1,216	( <sup>3</sup> )
	Decal labels and decalcomanias not reported by process.....	...	34,382
2761081	Lithographic plates made for others.....	68,653	40,952
2761089	Manifold business forms, by lithographic process.....	125,482	132,220
	Labels, custom and stock printed (including bordered) made of paper or foil (excluding labels made of fabric):		
2761091	Flat and roll <sup>5</sup> .....	94,670	
2761092	Wrappers or wraps (printed rolls and sheets, except oiled, waxed, laminated, or coated structures):		93,637
2761094	Paper.....	18,303	
2761095	Cellophane and other (including polyethylene) <sup>5</sup> .....	5,719	
2761096	Other business forms (including cut single manifold forms, loose or padded, but excluding blankbooks and looseleaf forms).....	56,922	( <sup>4</sup> )
2761098	All other general commercial printing (including "job" printing) by product (lithographic process) not elsewhere reported.....	97,540	469,484
2761010	Commercial printing, including "job", not specified by kind, reported by publishers <sup>6</sup> .....	21,167	69,650
2761000	Commercial printing, including "job", not specified by kind, reported by printers <sup>6</sup> .....	52,557	34,506

<sup>1</sup>In 1954, these products were included in "All other general commercial lithography, including advertising circulars and pamphlets."

<sup>2</sup>Product code 2761032 combined with product code 2761037 for 1954.

<sup>3</sup>In 1954, the reporting forms did not make a distinction between "decalcomanias" and "decal labels." Comparability with 1958 is also affected by the fact that in 1954 labels and wrappers were reported on a single product line (2761021).

<sup>4</sup>In 1954, "Other business forms" were included with manifold business forms.

<sup>5</sup>Combined to avoid disclosing the figures of individual companies.

<sup>6</sup>Largely accounted for by small establishments (generally less than 10 employees) which were not able to provide a breakdown of their receipts by product.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

January 1960

MC(P)-27B-4

### COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC, INDUSTRY

(Industry Code 2751--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Commercial Printing, Except Lithographic, Industry shipped products valued at \$2,723 million, as of preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 0.5 percent from 1954 to 1958 to a total of 199.3 thousand employees in 1958. Value added by manufacture in the industry amounted to \$1,591 million in 1958, an increase of 9 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC, INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2751)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
<b>All employees:</b>				
Number.....	Thousands.....	199.3	200.2	-1
Payroll.....	Million dollars...	1,016.0	880.7	+14
<b>Production workers:</b>				
Number.....	Thousands.....	156.3	157.0	-1
Man-hours.....	Millions.....	337.0	306.0	+10
Wages.....	Million dollars...	754.0	690.0	+10
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	1,574.0	1,357.8	+10
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	1,591.0	1,461.8	+9
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	1,133.2	1,294.2	-11
Value of shipments <sup>5</sup> .....	..do.....	2,722.6	2,725.7	-1
Capital expenditures, new.....	..do.....	112.7	65.8	+71
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	1,715	1,671	+3

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly. In 1958, cost of these resales amounted to \$56.6 million compared to \$449.7 million in 1954.

<sup>5</sup>Includes resale of products amounting to \$72.2 million in 1958 compared to \$53.7 million in 1954. (For further explanation see text under "Value of Shipments.")

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Commercial Printing, Except Lithographic, Industry includes establishments engaged primarily in commercial or job printing by letterpress, gravure, screen, and other printing processes, except lithography. Establishments primarily engaged in printing books (without publishing) and greeting cards, are included in Industry 2732 and 2771, respectively. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Commercial Printing, Except Lithographic, Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), miscellaneous receipts, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Commercial Printing, Except Lithographic, Industry amounted to \$2,723 million. Of this total, \$2,267 million were products primary to the industry, \$365 million were products primary to other industries, \$72 million represented resales of products and \$19 million were receipts for miscellaneous activities.

The industry shipments of primary products represented 86 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 85 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$2,714 million of receipts from commercial printing, except lithographing were reported by all producers of these products. Of this total, \$2,267 million, or 84 percent, were shipped by plants classified in Industry 2751, Commercial Printing, Except Lithographic, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

Table 1.—GENERAL STATISTICS OF THE COMMERCIAL PRINTING INDUSTRY (S.I.C. CODE 2701), BY REGION AND STATE

(For explanations of column captions see text)

Region and State <sup>1</sup>	1950										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
UNITED STATES, TOTAL	179,295	1,155,594	156,509	1,171,550	752,221	1,572,403	1,572,403	4,720,651	11,360	1,701	1,000,000	1,000,000
New England.....	15,676	75,574	12,372	10,610	54,216	11,111	11,111	17,217	1,000	1	1,000	1,000
Maine.....	447	1,627	351	777	1,104	4,396	4,396	2,258	1	1	1	1
New Hampshire.....	1,264	5,326	1,152	2,067	4,281	8,416	8,416	4,001	1	1	1	1
Vermont.....	555	373	212	432	1,113	1,213	1,213	3,044	1	1	1	1
Massachusetts.....	7,708	35,036	6,381	12,405	23,303	25,274	25,274	30,258	4	4	4	4
Rhode Island.....	701	4,230	546	1,526	2,358	5,206	5,206	4,925	1	1	1	1
Connecticut.....	4,352	18,672	4,999	8,354	21,126	36,303	36,303	57,177	7	7	7	7
Middle Atlantic.....	50,409	260,805	46,234	40,423	226,377	457,681	457,681	802,569	20,666	509	50,409	457,681
New York.....	31,721	159,400	28,852	21,191	113,411	252,598	252,598	437,917	11,634	317	31,721	252,598
New Jersey.....	9,665	49,727	8,147	16,791	39,580	79,280	79,280	124,525	4,713	72	9,665	79,280
Pennsylvania.....	17,263	81,678	14,335	28,441	68,786	122,003	122,003	23,033	3,624	120	17,263	122,003
East North Central.....	58,187	284,471	46,715	36,503	245,626	497,811	506,108	857,354	31,139	413	58,187	497,811
Ohio.....	16,451	85,106	12,576	26,443	63,310	137,983	140,344	238,187	9,130	109	16,451	137,983
Indiana.....	3,494	15,651	2,746	5,809	11,856	23,622	23,622	1,441	1	33	3,494	23,622
Illinois.....	27,563	164,834	22,555	46,268	128,202	245,110	245,110	438,394	14,863	171	27,563	245,110
Michigan.....	5,658	28,248	4,494	9,147	21,362	47,105	47,166	8,611	4,426	65	5,658	47,166
Wisconsin.....	5,969	30,432	4,344	8,836	20,836	45,289	45,554	9,136	2,299	41	5,969	45,554
West North Central.....	16,472	77,745	9,890	20,021	41,990	118,046	120,263	206,821	6,689	133	17,758	118,046
Minnesota.....	6,977	36,725	2,541	4,364	11,369	23,732	23,732	76,832	2,162	39	6,977	76,832
Iowa.....	1,732	6,922	1,394	3,265	4,771	11,751	12,912	20,534	794	19	1,732	12,912
Missouri.....	5,018	23,990	3,346	7,942	17,520	35,871	36,283	77,583	2,083	48	5,018	36,283
Nebraska.....	1,388	6,247	1,049	1,937	4,072	10,105	10,105	6,636	12	13	1,388	10,105
Kansas.....	917	3,630	755	1,419	2,923	5,815	5,906	9,773	720	10	1,030	6,235
South Atlantic.....	17,958	81,681	14,356	31,079	60,954	129,122	131,515	228,842	10,215	182	14,889	89,187
Delaware.....	183	1,954	336	610	1,677	2,593	2,575	4,619	102	4	417	2,230
Maryland.....	3,614	17,351	2,849	5,814	12,771	29,940	30,461	50,030	1,101	35	3,614	29,940
District of Columbia.....	2,503	14,216	2,099	4,374	11,676	21,221	21,338	35,421	758	9	1,596	11,579
Virginia.....	2,618	10,510	2,139	4,231	7,389	15,383	16,449	29,002	1,426	25	2,105	11,265
West Virginia.....	702	2,864	537	1,144	1,932	5,760	5,963	7,218	953	7	549	2,734
North Carolina.....	2,474	10,322	1,924	3,525	7,022	17,266	17,603	32,270	1,380	34	1,954	11,514
South Carolina.....	553	2,032	428	1,096	1,497	3,015	3,260	5,351	347	6	563	2,685
Georgia.....	2,684	11,892	2,155	5,953	8,689	18,763	19,041	38,673	2,427	31	2,354	14,692
Florida.....	2,425	10,490	1,919	4,272	7,731	16,676	16,825	28,248	1,721	31	1,734	10,188
East South Central.....	6,807	30,751	5,216	11,679	24,416	47,005	48,600	83,867	4,814	61	6,806	40,526
Kentucky.....	1,799	9,873	1,450	3,212	9,027	14,678	15,025	23,494	1,523	18	2,975	19,847
Tennessee.....	3,461	14,603	2,867	5,802	11,688	21,878	22,594	42,303	2,103	25	2,401	13,335
Alabama.....	1,079	4,579	897	1,979	5,483	7,861	8,085	12,880	930	15	934	5,224
Mississippi.....	468	1,636	342	686	1,218	2,588	2,896	5,190	253	3	425	2,172
West South Central.....	7,692	32,379	6,032	12,866	23,707	53,478	54,915	95,931	4,454	91	7,214	41,360
Arkansas.....	781	3,225	575	1,233	2,164	4,620	5,174	8,926	344	10	778	4,411
Louisiana.....	1,417	5,975	1,062	2,138	4,268	9,423	8,735	15,568	628	21	1,253	6,948
Oklahoma.....	964	4,097	792	1,813	5,075	6,714	6,710	11,851	516	11	940	5,490
Texas.....	4,550	19,082	3,603	7,682	14,200	32,721	34,090	57,536	2,946	49	4,241	25,011
Mountain.....	3,166	14,391	2,405	5,087	10,814	23,294	24,494	33,893	1,772	36	2,446	14,390
Idaho.....	260	1,176	195	362	834	1,741	1,742	2,682	79	3	170	948
Colorado.....	1,149	5,452	887	1,651	4,263	8,576	9,410	15,148	716	10	755	4,673
New Mexico.....	353	1,650	241	479	981	2,926	3,052	4,981	207	4	211	1,317
Arizona.....	428	1,833	352	855	1,449	2,831	2,919	4,757	251	6	445	2,512
Utah.....	466	1,980	387	950	1,608	4,178	4,252	6,906	340	4	499	2,762
Pacific.....	16,463	66,252	12,744	26,025	65,853	141,916	143,315	234,559	10,131	154	13,377	99,456
Washington.....	1,136	5,445	814	1,684	3,967	8,866	9,078	15,391	664	12	903	6,236
Oregon.....	814	3,783	671	1,420	2,981	6,369	6,479	9,940	739	11	821	5,907
California.....	14,113	77,120	11,259	23,921	58,905	126,681	127,758	209,228	8,728	131	11,652	87,413

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.<sup>4</sup>For explanation see text under "Value of shipments."<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.--VALUE OF RECEIPTS FROM COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC, IN THE UNITED STATES: 1958 and 1954

(Includes value of these products reported not only by establishments classified in the Commercial Printing, Except Lithographic, Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of Shipments.")

Product code	Product	Value of receipts (\$1,000)	
		1958	1954
2751---	Commercial printing (including publication printing, except book and pamphlet printing), total.....	2,713,669	2,157,278
	Letterpress process:		
2751012	Newspapers, ready prints (patent sides) shopping news, and market circulars.....	145,293	48,924
2751013	Magazines and periodicals (including magazine and comic supplements for Sunday newspapers).....	480,391	361,970
2751015	Maps, atlases, and globe covers (including road maps and strip maps).....	229	13,653
2751016	Seals, except hand painted: Christmas, birthday, Valentine, Easter, etc.....	775	(NA)
2751017	Picture post cards and souvenir cards (excluding advertising--direct mail and reply cards).....	2,553	8,061
2751018	Seals, except Christmas, etc., but including trading stamps.....	8,827	(2)
	Advertising printing (printing designed to sell products or services):		
2751019	Direct mail (including circulars, letters, pamphlets, cards, and printed envelopes).....	182,754	(2)
2751020	Display advertising (posters, car cards, window, counter, and floor displays and other printed display material) (screen process).....	28,322	(2)
2751021	Display advertising (posters, car cards, window, counter, and floor displays and other display material).....	27,178	(2)
2751022	Other advertising printing not reported above by product and/or process (including brochures, pamphlets, catalog sheets, circular folders, broadsides, announcements, package inserts, etc.)	99,205	(2)
2751023	Advertising printing, not specified by kind.....	13,241	(2)
2751025	Financial and legal printing, except check books, not specified by kind.....	4,909	(2)
2751028	Financial and legal printing, including bank forms, imprinting of bank checks, insurance forms, security certificates, etc.....	67,289	(2)
2751029	Printing on metal.....	1,779	
2751032	Coupons.....	4,601	324,154
2751033	Calendars and calendar pads.....	38,956	434,444
2751034	Catalogs.....	55,595	
2751035	Directories of all types.....	64,320	106,005
2751036	Catalogs and directories, not reported separately.....	14,290	
2751037	Tickets (including transportation and amusement).....	16,538	(3)
2751038	Food and beverage checks.....	4,864	(3)
2751039	Letterpress printing, not specified by kind.....	69,812	284,326
	Gravure process:		
2751042	Newspapers ready prints (patent sides) shopping news and market circulars.....	6,559	39,495
2751043	Magazines and periodicals (including magazine and comic supplements for Sunday newspapers).....	181,175	45,503
2751044	Advertising printing (including brochures, pamphlets, catalog sheets, circular folders, broadsides, announcements, package inserts, etc.).....	34,963	(NA)
2751040	Publication printing, including "job," not specified by kind.....	971	(NA)
2751046	Financial and legal printing, including bank forms, imprinting of bank checks, insurance forms, security certificates, etc.....	5,750	(2)
	Labels, custom and stock printed (including bordered), made of paper or foil (exclude labels made of fabric):		
2751052	Flat.....	46,157	
2751054	Roll.....	25,723	
	Wrappers or wraps:		
2751061	Cellophane and other.....	20,532	45,921
2751065	Paper.....	10,732	
2751072	Manifold business forms by gravure process.....	3,110	(NA)
2751074	Catalogs and directories.....	40,595	19,261
2751076	All other general commercial printing (including "job" printing) by product, not elsewhere reported.....	24,600	45,498
2751041	Gravure printing, except publication, not specified by kind.....	2,442	2,299
2751081	Gravure plates made for others.....	14,484	13,867
	Screen process:		
2751082	Advertising printing (including brochures, pamphlets, catalog sheets, circular folders, broadsides, announcements, package inserts, etc.).....	2,406	16,021
2751087	All other general commercial printing (including "job" printing) by product, not elsewhere reported.....	5,346	
2751089	Manifold business forms, by letterpress process.....	205,608	1264,842
	Labels, custom and stock printed (including bordered), made of paper or foil (exclude labels made of fabric):		
	Letterpress (including flexographic) printed:		
2751091	Flat.....	123,502	
2751092	Roll.....	16,070	
	Wrappers or wraps (printed rolls and sheets, except oiled, waxed, laminated or coated structures):		
2751093	Cellophane (flexographic printed).....	58,382	124,793
2751094	Paper (letterpress printed).....	28,671	
2751095	Other (including polyethylene) (flexographic printed).....	16,923	

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

7-1. --VALUE OF LICENSE FROM DIAGONAL PRINTING, EXCEPT LITHOGRAPHIC, IN THE UNITED STATES. (SEE 7-2)

<sup>3</sup>Codes 27-1-1, 27-1-3, and 27-1-4, combined with code 27-1-2 in 1964.

<sup>4</sup>In 1976, codes 30114 and 27513 have been combined to a single alcoholism

kind of product. In 1975, Juan receipts up, used in the publication table, positive product code .75100.

<sup>7</sup>Combined to avoid duplicating the figures of individual G-2s on the





# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1960

MC(P)-27B-5

### GREETING CARD MANUFACTURING INDUSTRY

(Industry Code 2771—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, establishments in the Greeting Card Manufacturing Industry shipped products valued at \$289 million, an increase of 31 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 1 percent from 1954 to 1958 to a total of 21.5 thousand employees in 1958. Value added by manufacture in the industry amounted to \$178 million in 1958, an increase of 32 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR GREETING CARD MANUFACTURING INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2771)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	21.5	21.3	+1
Payroll.....	Million dollars...	88.4	70.4	+26
Production workers:				
Number.....	Thousands.....	14.6	15.1	-5
Man-hours.....	Millions.....	28.1	28.6	-2
Wages.....	Million dollars...	50.0	42.0	+19
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	167.3	131.3	+27
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	177.5	134.6	+32
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	116.1	85.7	+36
Value of shipments <sup>5</sup> .....	..do.....	288.7	220.3	+31
Capital expenditures, net.....	..do.....	5.1	8.8	-42
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	97	100	-3

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

<sup>7</sup>Omitted due to extensive duplication arising from shipments from one establishment to another in the same industry classification. (For selected industries.)



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents  
Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Greeting Card Manufacturing Industry includes establishments engaged primarily in the designing, publishing, and printing by any process of greeting cards for all occasions. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Greeting Card Manufacturing Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Greeting Card Manufacturing Industry amounted to \$289 million. Of this total, \$255 million were products primary to the industry, \$16 million were products primary to other industries, \$15 million represented resales of products, and \$3 million were receipts for miscellaneous activities. The industry shipments of primary products represented 94 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 93 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$275 million of receipts from publishers' sales of greeting cards and the printing of greeting cards for publication by others were reported by all producers of these products. Of this total, \$255 million, or 93 percent, were shipped by plants classified in Industry 2771, Greeting Card Manufacturing, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

Table 1.—GENERAL STATISTICS FOR THE GREETING CARD MANUFACTURING INDUSTRY (1958 AND 1954)

Region and State <sup>1</sup>	1958									1954		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup> (\$1,000)	Adjusted <sup>6</sup> (\$1,000)					
United States, total.....	21,514	88,448	14,583	28,127	49,956	167,269	177,495	288,656	1,177	97	21,347	131,341
New England.....	3,870	18,317	2,619	4,973	7,935	28,881	31,959	48,406	464	19	3,916	21,672
Massachusetts.....	2,507	10,540	1,568	2,975	5,225	19,530	21,725	31,627	700	12	2,821	15,685
Middle Atlantic.....	5,847	22,961	4,311	8,255	14,287	43,402	44,859	83,422	1,383	42	6,576	41,688
New York.....	5,244	20,862	3,839	7,348	12,939	39,341	40,837	76,705	1,180	33	5,724	37,187
Pennsylvania.....	404	1,334	324	597	870	2,220	2,243	3,396	68	6	662	3,288
North Central.....	10,667	45,238	6,964	13,509	25,006	86,031	90,669	142,166	2,958	28	9,547	62,713
Ohio.....	3,633	17,303	2,382	4,565	8,644	35,698	37,170	54,367	1,086	7	3,749	23,324
Illinois.....	2,647	9,014	1,761	3,488	5,737	15,641	14,583	26,357	262	13	2,653	12,674
South.....	208	968	141	277	560	2,143	2,149	3,995	94	3	208	831
West.....	922	3,954	548	1,113	2,188	7,662	7,859	10,667	188	5	698	4,919
California.....	905	3,875	535	1,087	2,132	7,374	7,569	10,237	180	5	648	4,596

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF GREETING CARDS SHIPPED BY ALL MANUFACTURING ESTABLISHMENTS FOR THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in Greeting Card manufacturing Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	1958		1954	
		Million copies sold (number)	Value of receipts (\$1,000)	Million copies sold (number)	Value of receipts (\$1,000)
2771—	Greeting cards, total.....	xxx	274,630	xxx	217,501
27711	Greeting cards, publishers' sale.....	5,401	231,883	3,965	184,988
277111	Christmas cards.....	2,826	99,759	2,854	86,024
277112	Seasonal cards other than Christmas.....	1,092	47,896	1,911	98,504
277113	Other greeting cards.....	1,399	75,156		
277110	Not specified by kind.....	(NA)	9,072		
27712	Greeting cards, printed for publication by other.....	xxx	38,119	xxx	31,122
277121	Letterpress process.....	xxx	19,630	xxx	12,848
2771251	Lithographic process.....	xxx	18,022	xxx	17,751
2771200	Other, (including engraving and gravure process).....	xxx	467	xxx	423
2771000	Greeting cards, receipts not specified by kind.....	xxx	4,628	xxx	1,491

xxx Not applicable.

NA Not available.

**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-27B-6

### BOOKBINDING INDUSTRY

(Industry Code 2781—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Bookbinding Industry shipped products valued at \$143 million, an increase of 23 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 4 percent from 1954 to 1958 to a total of 17.9 thousand employees in 1958. Value added by manufacture in the industry amounted to \$105 million in 1958, an increase of 22 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE BOOKBINDING INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2781)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	17.9	17.2	+4
Payroll.....	Million dollars...	70.0	59.0	+19
Production workers:				
Number.....	Thousands.....	15.9	15.5	+3
Man-hours.....	Millions.....	30.6	29.4	+4
Wages.....	Million dollars...	56.4	48.5	+16
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	102.4	84.7	+21
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	105.0	86.1	+22
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	37.2	30.4	+22
Value of shipments <sup>5</sup> .....	..do.....	142.8	116.5	+23
Capital expenditures, new.....	..do.....	5.0	3.7	+35
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	227	195	+16

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Bookbinding Industry includes establishments engaged primarily in edition, trade, job, and library bookbinding. Establishments primarily engaged in binding books printed elsewhere are classified in this industry, but those primarily binding books printed in the same establishment are classified in Group 273, Books. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Bookbinding Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Bookbinding Industry amounted to \$143 million. Of this total, \$126 million were products primary to the industry, \$10 million were products primary to other industries, and \$7 million were receipts from resales and miscellaneous activities. The industry shipments of primary products represented 93 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 91 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$148 million receipts from bookbinding of all types (edition, library, pamphlet and other soft cover, and mechanical binding) were reported by all manufacturing establishments. Of this total, \$126 million, or 85 percent, were shipped by plants classified in Industry 2781, Bookbinding, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR THE BOOKBINDING INDUSTRY (S.I.C. CODE 2781) BY REGION AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup>	Adjusted <sup>6</sup>	(\$1,000)	(\$1,000)			(\$1,000)
United States, total.....	17,898	70,023	15,857	30,597	56,376	102,401	104,994	142,841	4,953	227	17,178	84,741
New England.....	1,035	4,039	878	1,596	2,902	6,256	6,271	8,619	124	18	1,528	6,753
Massachusetts.....	757	2,909	663	1,205	2,208	3,990	4,005	5,189	91	14	1,296	5,783
Middle Atlantic.....	8,954	35,081	8,042	15,872	28,886	49,644	52,630	68,279	2,014	91	8,861	43,593
New York.....	7,131	28,359	6,467	12,880	23,617	42,484	42,446	55,326	1,298	66	7,311	36,021
New Jersey.....	637	2,268	563	1,043	1,804	3,833	3,800	5,094	347	7	490	2,607
Pennsylvania.....	1,186	4,454	1,012	1,949	3,265	3,327	6,384	7,859	369	18	1,060	4,963
East North Central....	4,459	18,584	3,910	7,580	14,639	26,784	26,586	39,354	1,453	62	4,257	22,244
Ohio.....	572	2,183	508	1,080	1,710	3,006	3,017	3,888	158	13	504	2,413
Indiana.....	271	804	234	424	633	1,111	1,111	1,535	(D)	3	235	1,015
Illinois.....	2,667	11,530	2,342	4,557	9,178	17,028	16,762	26,728	813	30	2,542	12,905
Michigan.....	751	3,260	661	1,201	2,494	4,516	4,570	5,474	260	13	769	4,954
West North Central....	892	3,342	779	1,339	2,545	5,594	5,372	7,890	429	11	511	2,675
Missouri.....	671	2,554	585	1,946	1,899	4,365	4,159	5,814	376	9	377	2,051
South Atlantic.....	1,013	3,348	882	1,603	2,659	5,147	5,159	6,670	294	16	772	3,316
Maryland.....	587	1,967	519	976	1,593	3,156	3,166	4,098	147	7	396	1,844
District of Columbia.....	152	546	123	220	406	875	874	1,006	95	4	109	480
East South Central....	209	624	178	336	483	955	967	1,754	72	4	86	335
West South Central....	330	1,118	292	587	945	1,815	1,815	2,301	189	8	387	1,905
Mountain.....	181	641	157	312	517	848	850	1,360	44	4	124	569
Pacific.....	825	3,246	739	1,372	2,800	5,358	5,344	6,614	334	13	647	3,348
California.....	732	2,847	651	1,206	2,423	4,703	4,689	5,832	276	12	562	2,870

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.<sup>2</sup> Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)<sup>3</sup> Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.<sup>4</sup> Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.<sup>5</sup> For explanation see text under "Value of shipments."<sup>6</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—VALUE OF RECEIPTS FROM BOOKBINDING IN THE UNITED STATES: 1958 AND 1954

(Includes value of these products reported not only by establishments classified in the Bookbinding Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Value of receipts (\$1,000)	
		1958	1954
2781----	Bookbinding, total.....	148,036	117,387
	Bookbinding and related operations (material printed elsewhere):		
2781011	Edition binding (hard bound).....	62,953	48,604
2781021	Pamphlet and other soft cover binding.....	35,820	36,011
2781041	Library binding (including rebinding and prebinding of books for library use, hard cover binding of periodicals and records, and other hard cover binding except editions).....	14,527	11,108
2781061	Mechanical binding (wire, plastic, etc.) of products printed elsewhere.....	17,646	17,776
2781000	Bookbinding (books printed elsewhere), not reported by kind.....	17,090	14,990





# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-27B-7

### LOOSE-LEAF BINDERS AND DEVICES INDUSTRY

(Industry Code 2783—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Loose-Leaf Binders and Devices Industry shipped products valued at \$112 million, an increase of 39 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 12 percent from 1954 to 1958 to a total of 9.2 thousand employees in 1958. Value added by manufacture in the industry amounted to \$70 million in 1958, an increase of 39 percent from 1954 when the previous

census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE LOOSE-LEAF BINDERS AND DEVICES INDUSTRY IN THE UNITED STATES: 1958 and 1954

(Standard Industrial Classification Code 2783)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
Employment				
Number.....	Thousands.....	9.2	8.2	+12
Value added by manufacture	Million dollars...	40.1	30.9	+30
Shipments				
Value added by manufacture	Thousands.....	6.9	6.3	+9
Materials, fuel, electricity, and contract work <sup>2</sup>	Millions.....	13.9	12.7	+9
Net change in finished products and work-in-process inventories between the beginning and end of year	Million dollars...	26.7	20.8	+28
Value added by manufacture, unadjusted <sup>2</sup>	..do.....	69.1	49.7	+39
Value added by manufacture, adjusted <sup>2</sup>	..do.....	69.6	50.1	+39
Cost of materials, fuel, electricity, and contract work <sup>2</sup>	..do.....	42.2	30.2	+40
Value of shipments	..do.....	111.7	80.3	+39
Net expenditures, new	..do.....	2.9	1.3	+12
Number of establishments with 20 or more employees <sup>3</sup>	Number.....	65	5	+30

<sup>1</sup> Figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup> Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup> Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup> Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup> For explanation see text under "Value of shipments."

<sup>6</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Loose-Leaf Binders and Devices Industry includes establishments engaged primarily in the manufacture of Loose-leaf devices, library binders and loose-leaf forms and fillers (pen ruled or printed). Establishments manufacturing loose-leaf notebooks and included in this notebooks mechanically bound by thread, wire, plastic, etc. or loose-leaf fillers, plain or faint ruled and imprinted, are classified in Industry 2699, Converted Paper Products, Not Elsewhere Classified. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Loose-Leaf Binders and Devices Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Loose-Leaf Binders and Devices Industry amounted to \$112 million. Of this total, \$83 million were products primary to the industry, \$27 million were products primary to other industries, and \$2 million were receipts

for resales and miscellaneous activities. The industry shipments of primary products represented 75 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 74 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$95 million of loose-leaf forms, fillers, indexes, binders and parts sold separately were shipped by all producers of these products. Of this total, \$83 million, or 87 percent, were shipped by plants classified in Industry 2783, Loose-Leaf Binders and Devices, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

Region and State <sup>1</sup>	1950								1949		
	All employees		Production workers			Value added by manufacture		Value of shipments	Capita. expenditures, new	N. of establishments with 10 or more employees	Value added by manufacture, unadjusted
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)				
United States, total.....	8,125	4,127	5,125	2,500	1,200	1,100	1,100	1,100	1,100	1,100	1,100
New England.....	1,200	600	800	400	200	180	180	180	180	180	180
Mid. Atl. States.....	1,100	550	750	375	180	165	165	165	165	165	165
South Atl. States.....	1,000	500	700	350	160	140	140	140	140	140	140
East. North Central.....	1,300	650	900	450	220	200	200	200	200	200	200
West. North Central.....	1,200	600	850	425	200	180	180	180	180	180	180
South.....	1,400	700	1,000	500	240	220	220	220	220	220	220
Pacific.....	1,025	512	725	362	170	155	155	155	155	155	155

3 Withheld to avoid disclosing identity of individual concerned.

NA Not available.

**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

December 1958

MC(P)-276-1

### TYPESETTING INDUSTRY

(Industry Code 2791--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Typesetting Industry shipped products valued at \$177 million, an increase of 46 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 20 percent from 1954 to 1958 to a total of 18 thousand employees in 1958. Value added by manufacture in the industry amounted to \$156 million in 1958, an increase of 46 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE TYPESETTING INDUSTRY, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2791)

Item <sup>1</sup>	Unit of Quantity	1958 <sup>2</sup>	1954 <sup>2</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	1	1	+0.0
Payroll.....	Million dollars...	11	7	+57.1
Production workers:				
Number.....	Thousands.....	14	11	+27.3
Man-hours.....	Millions.....	27	21	+33.3
Wages.....	Million dollars...	10	7	+50.0
Value added by manufacture, unadjusted .....	.....do.....	156	106	+46.2
Value added by manufacture, adjusted .....	.....do.....	156	106	+46.2
Cost of materials, fuel, electricity, and contract work .....	.....do.....	57	24	+137.5
Value of shipments .....	.....do.....	177	121	+46.3
Capital expenditures, new.....	.....do.....	7	4	+75.0
Number of establishments with 20 or more employees <sup>3</sup> .....	Number.....	1,000	1,000	+0.0

<sup>1</sup>For definition of item, see text.

<sup>2</sup>The figures in this report include the response for establishments located in the continental United States. Alaska and Hawaii were not included.

<sup>3</sup>See "All Typesetting" in separate reports.

<sup>4</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports from establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices 10cents  
Complete set of approximately 350-400 preliminary Census of Manufactures reports, \$35.00.

The Typesetting Industry includes establishments engaged primarily in machine and hand typesetting for the trade, including advertisement typesetting. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Typesetting Industry consisted not only of activities described above as primary to the industry, but also included the value of secondary activities (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Typesetting Industry amounted to \$177 million. Of this total, \$162 million were received from activities primary to the industry, The balance of \$15 million represented activities primary to other industries and miscellaneous receipts (sale of scrap, etc.). The industry shipments of primary products represented 92 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 94 percent.

The total value of shipments for the industry which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure appearing in table 3, indicates that \$176 million receipts from typesetting were reported by all manufacturing establishments. Of this total, \$162 million or 92 percent, were shipped by plants classified in Industry 2791, Typesetting, while the remainder was shipped as secondary products by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and totals for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1980 CENSUS OF MANUFACTURES

**DEPARTMENT OF COMMERCE**

**BUREAU OF THE CENSUS**

**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE**



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1960

MC(P)-27C-2

### ENGRAVING AND PLATE PRINTING INDUSTRY

(Industry Code 2792--SIC system in use through 1957)

Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Engraving and Plate Printing Industry shipped products valued at \$87 million, an increase of 42 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 20 percent from 1954 to 1958 to a total of 9.0 thousand employees in 1958. Value added by manufacture in the industry amounted to \$65 million in 1958, an increase of 48 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE ENGRAVING AND PLATE PRINTING INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2792)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
<b>All employees:</b>				
Number.....	Thousands.....	9.0	7.5	+20
Payroll.....	Million dollars...	43.1	29.4	+47
<b>Production workers:</b>				
Number.....	Thousands.....	7.2	6.1	+18
Man-hours.....	Millions.....	13.7	12.0	+14
Wages.....	Million dollars...	33.3	21.7	+54
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	63.8	43.4	+47
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	64.5	43.7	+48
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	23.2	17.6	+32
Value of shipments <sup>5</sup> .....	..do.....	87.3	61.3	+42
Capital expenditures, new.....	..do.....	3.6	1.7	+112
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	102	69	+48

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Engraving and Plate Printing Industry includes establishments engaged primarily in Engraving and Etching steel and copper plates; in using these plates to print stationery, visiting and other cards, invitations, announcements, security certificates, maps, etc., and in making wood cuts for use in printing illustrations, posters, etc. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Engraving and Plate Printing Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Engraving and Plate Printing Industry amounted to \$87 million. Of this total, \$77 million were products primary to the industry, \$4 million were products primary to other industries, and \$6 million represented receipts for miscellaneous activities and resale of products. The industry shipments of primary products represented 95 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 92 percent.

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$93 million of receipts from engraving (except photoengraving), rubber and other duplicate plates for letterpress printing were reported by all manufacturing establishments. Of this total, \$77 million, or 83 percent, were reported by plants classified in industry 2792, Engraving and Plate Printing, while the remainder was reported by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these report and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

ENGRAVING AND PLATE PRINTING INDUSTRY (2790-2799)

Region and State <sup>1</sup>	1958									1954		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup>	Adjusted <sup>3</sup>					
United States	1,747	4,122	1,004	11,100	11,347	11,347	11,347	11,347	11,347	11,347	11,347	11,347
New England	111	2,140	61	6,100	6,100	6,100	6,100	6,100	6,100	6,100	6,100	6,100
Maine	1	10	1	10	10	10	10	10	10	10	10	10
New Hampshire	1	10	1	10	10	10	10	10	10	10	10	10
Vermont	1	10	1	10	10	10	10	10	10	10	10	10
Massachusetts	108	2,110	58	5,980	5,980	5,980	5,980	5,980	5,980	5,980	5,980	5,980
Rhode Island	1	10	1	10	10	10	10	10	10	10	10	10
Connecticut	1	10	1	10	10	10	10	10	10	10	10	10
Middle Atlantic	1,000	2,350	580	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200
New York	1,000	2,350	580	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200
New Jersey	1	10	1	10	10	10	10	10	10	10	10	10
Pennsylvania	1	10	1	10	10	10	10	10	10	10	10	10
South Atlantic	1,000	2,350	580	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200
Virginia	1,000	2,350	580	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200
North Carolina	1	10	1	10	10	10	10	10	10	10	10	10
South Carolina	1	10	1	10	10	10	10	10	10	10	10	10
Georgia	1	10	1	10	10	10	10	10	10	10	10	10
West North Central	1,000	2,350	580	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200
Illinois	1,000	2,350	580	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200
Indiana	1	10	1	10	10	10	10	10	10	10	10	10
Michigan	1	10	1	10	10	10	10	10	10	10	10	10
Ohio	1	10	1	10	10	10	10	10	10	10	10	10
Wisconsin	1	10	1	10	10	10	10	10	10	10	10	10
Minnesota	1	10	1	10	10	10	10	10	10	10	10	10
Iowa	1	10	1	10	10	10	10	10	10	10	10	10
Missouri	1	10	1	10	10	10	10	10	10	10	10	10
Kansas	1	10	1	10	10	10	10	10	10	10	10	10
Nebraska	1	10	1	10	10	10	10	10	10	10	10	10
Oklahoma	1	10	1	10	10	10	10	10	10	10	10	10
Texas	1	10	1	10	10	10	10	10	10	10	10	10
West South Central	1,000	2,350	580	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200
Louisiana	1,000	2,350	580	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200
Arkansas	1	10	1	10	10	10	10	10	10	10	10	10
Mississippi	1	10	1	10	10	10	10	10	10	10	10	10
Alabama	1	10	1	10	10	10	10	10	10	10	10	10
Mountain	1,000	2,350	580	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200
Montana	1,000	2,350	580	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200
Wyoming	1	10	1	10	10	10	10	10	10	10	10	10
Idaho	1	10	1	10	10	10	10	10	10	10	10	10
Utah	1	10	1	10	10	10	10	10	10	10	10	10
Arizona	1	10	1	10	10	10	10	10	10	10	10	10
New Mexico	1	10	1	10	10	10	10	10	10	10	10	10
Texas	1	10	1	10	10	10	10	10	10	10	10	10
North West	1,000	2,350	580	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200
Oregon	1,000	2,350	580	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200	6,200
Washington	1	10	1	10	10	10	10	10	10	10	10	10
Idaho	1	10	1	10	10	10	10	10	10	10	10	10
Montana	1	10	1	10	10	10	10	10	10	10	10	10
Wyoming	1	10	1	10	10	10	10	10	10	10	10	10
Utah	1	10	1	10	10	10	10	10	10	10	10	10
Arizona	1	10	1	10	10	10	10	10	10	10	10	10
New Mexico	1	10	1	10	10	10	10	10	10	10	10	10
Texas	1	10	1	10	10	10	10	10	10	10	10	10
California	1	10	1	10	10	10	10	10	10	10	10	10
Nevada	1	10	1	10	10	10	10	10	10	10	10	10
Oregon	1	10	1	10	10	10	10	10	10	10	10	10
Washington	1	10	1	10	10	10	10	10	10	10	10	10
Alaska	1	10	1	10	10	10	10	10	10	10	10	10
Hawaii	1	10	1	10	10	10	10	10	10	10	10	10
Alaska	1	10	1	10	10	10	10	10	10	10	10	10
Hawaii	1	10	1	10	10	10	10	10	10	10	10	10

<sup>1</sup> Figures for State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this case, the industry was of relatively minor economic importance in the State. Additional publishable data will appear in the final Census report on this industry.

<sup>2</sup> Value of products shipped less cost of material, supplies, fuel, electricity, and contract work.

<sup>3</sup> Value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup> For definition see text under "Value of shipments."

<sup>5</sup> Figures for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments in the industry with less than 20 employees classified in the industry.

Table 3.—VALUE OF PRODUCTS SHIPPED BY ALL MANUFACTURING ESTABLISHMENTS IN THE UNITED STATES: 1958 AND 1954

Quantity and value of these products reported not only by establishments classified in the Engraving and Plate Printing Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments."

Product	Product	Value of receipts (\$1,000)	
		1958	1954
Engraving and plate printing, total		92,907	70,398
Engraving, except photoengraving:			
Social		11,486	
Commercial		21,648	
Security and Other <sup>1</sup>		22,689	
Duplicate plates for letterpress (see Industry 2794 for electrotyping, stereotyping, and matrices):			70,398
Rubber plates		6,154	
Other		14,557	
Engraving: steel and copperplate, rubber, wood, and plate printing, not specified by kind <sup>2</sup>		16,373	

<sup>1</sup> Combined to avoid disclosing figures of individual companies.

<sup>2</sup> Accounted for by small establishments (generally less than 10 employees) which were not able to report their receipts in the detailed report.

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1960

MC(P)-27C-3

### ELECTROTYPING AND STEREOTYPING INDUSTRY

(Industry Code 2794—SIC system in use through 1957)

Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Electrotyping and Stereotyping Industry shipped products valued at \$81 million, a decrease of 8 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 15 percent from 1954 to 1958 to a total of 6,8 thousand employees in 1958. Value added by manufacture in the industry amounted to \$63 million in 1958, a decrease of 10 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE ELECTROTYPING AND STEREOTYPING INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2794)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	6.8	8.0	-15
Payroll.....	Million dollars...	44.2	48.4	-9
Production workers:				
Number.....	Thousands.....	5.0	4.9	-15
Man-hours.....	Millions.....	9.3	11.7	-20
Wages.....	Million dollars...	31.8	34.2	-7
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	62.3	69.6	-11
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	62.9	70.1	-10
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	18.5	18.3	+1
Value of shipments.....	..do.....	81.3	88.3	-8
Capital expenditures, new.....	..do.....	2.2	1.8	+22
Number of establishments with 20 or more employees <sup>5</sup> .....	Number.....	111	133	-16

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not part of the United States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices 10 cents.  
Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Electrotyping and Stereotyping Industry includes establishments engaged primarily in preparing electrotypes and stereotype plates. These establishments do not as a rule, print from the plates which they make, but prepare them for use by others. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Electrotyping and Stereotyping Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Electrotyping and Stereotyping Industry amounted to \$81 million. Of this total, \$71 million were products primary to the industry, \$5 million were products primary to other industries, \$5 million represented resales of products and \$0.6 million were receipts for miscellaneous activities. The industry shipments of primary products represented 93 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 93 percent.

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$81.7 million of receipts from electrotyping, stereotyping and matrixes were reported by all manufacturing establishments. Of this total, \$70.9 million, or 87 percent, were shipped by plants classified in Industry 2794, Electrotyping and Stereotyping while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

Region and State <sup>1</sup>	1956										1955	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 50 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup> \$1,000
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States.....	6,771	4,231	4,798	1,877	1,747	45,137	49,741	1,777	1,404	141	1,777	45,137
New England.....	10	1,500	324	708	1,500	1,427	1,427	1,427	1,427	1	10	1,427
Middle Atlantic.....	10	1,500	323	708	1,449	1,411	1,411	1,411	1,411	1	10	1,411
West North Central.....	2,449	15,444	1,879	1,079	1,879	18,444	18,444	18,444	18,444	10	2,449	18,444
South Atlantic.....	1,916	12,674	1,166	1,548	1,548	12,674	12,674	12,674	12,674	10	1,916	12,674
Pacific.....	128	2,613	190	434	1,891	1,861	1,861	1,861	1,861	1	128	1,861
West North Central.....	1,076	15,444	1,879	1,079	1,879	18,444	18,444	18,444	18,444	10	1,076	18,444
Illinois.....	859	1,006	423	812	1,006	1,006	1,006	1,006	1,006	10	859	1,006
Michigan.....	1,290	1,993	449	1,449	1,449	1,449	1,449	1,449	1,449	10	1,290	1,449
Wisconsin.....	464	1,230	119	432	1,371	1,371	1,371	1,371	1,371	10	464	1,371
West North Central.....	451	1,629	119	432	1,897	1,897	1,897	1,897	1,897	10	451	1,897
Minnesota.....	361	1,434	119	432	960	1,741	1,741	1,741	1,741	10	361	1,741
South Atlantic.....	714	1,444	155	390	899	1,894	1,894	1,894	1,894	10	714	1,894
East North Central.....	175	979	134	275	652	1,406	1,406	1,406	1,406	10	175	1,406
Pacific.....	442	1,754	185	566	1,957	4,227	4,227	4,227	4,227	10	442	4,227
California.....	422	1,623	270	513	1,822	3,805	3,805	3,805	3,805	10	422	3,805

<sup>1</sup> Includes establishments not separately reported in the Census of Manufactures, 1954, but which are included in the Census of Manufactures, 1954, under the heading "Other manufacturing industries." <sup>2</sup> Includes establishments not separately reported in the Census of Manufactures, 1954, but which are included in the Census of Manufactures, 1954, under the heading "Other manufacturing industries." <sup>3</sup> Includes establishments not separately reported in the Census of Manufactures, 1954, but which are included in the Census of Manufactures, 1954, under the heading "Other manufacturing industries." <sup>4</sup> Includes establishments not separately reported in the Census of Manufactures, 1954, but which are included in the Census of Manufactures, 1954, under the heading "Other manufacturing industries." <sup>5</sup> Includes establishments not separately reported in the Census of Manufactures, 1954, but which are included in the Census of Manufactures, 1954, under the heading "Other manufacturing industries."

<sup>1</sup> Includes establishments not separately reported in the Census of Manufactures, 1954, but which are included in the Census of Manufactures, 1954, under the heading "Other manufacturing industries." <sup>2</sup> Includes establishments not separately reported in the Census of Manufactures, 1954, but which are included in the Census of Manufactures, 1954, under the heading "Other manufacturing industries." <sup>3</sup> Includes establishments not separately reported in the Census of Manufactures, 1954, but which are included in the Census of Manufactures, 1954, under the heading "Other manufacturing industries." <sup>4</sup> Includes establishments not separately reported in the Census of Manufactures, 1954, but which are included in the Census of Manufactures, 1954, under the heading "Other manufacturing industries." <sup>5</sup> Includes establishments not separately reported in the Census of Manufactures, 1954, but which are included in the Census of Manufactures, 1954, under the heading "Other manufacturing industries."

<sup>1</sup> Includes establishments not separately reported in the Census of Manufactures, 1954, but which are included in the Census of Manufactures, 1954, under the heading "Other manufacturing industries." <sup>2</sup> Includes establishments not separately reported in the Census of Manufactures, 1954, but which are included in the Census of Manufactures, 1954, under the heading "Other manufacturing industries." <sup>3</sup> Includes establishments not separately reported in the Census of Manufactures, 1954, but which are included in the Census of Manufactures, 1954, under the heading "Other manufacturing industries." <sup>4</sup> Includes establishments not separately reported in the Census of Manufactures, 1954, but which are included in the Census of Manufactures, 1954, under the heading "Other manufacturing industries." <sup>5</sup> Includes establishments not separately reported in the Census of Manufactures, 1954, but which are included in the Census of Manufactures, 1954, under the heading "Other manufacturing industries."

Table 3.—VALUE OF RECEIPTS FROM ELECTROTYPING AND STEREOGRAPHY, IN THE UNITED STATES: 1953 AND 1954

Includes quantity and value of these products reported not only by establishments classified in the Electrotyping and Stereographic Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments."

Product	Product	Value of shipments including interplant transfers: (\$1,000)	
		1953	1954
Electrotyping and stereotyping, total.....	Electrotyping and stereotyping, total.....	81,000	84,439
Duplicate plates for letterpress:	Duplicate plates for letterpress:		
Electrotyping and stereotyping.....	Electrotyping and stereotyping.....	67,898	57,318
Electrotyping.....	Electrotyping.....	7,408	7,833
Stereotyping.....	Stereotyping.....		
Other plates:	Other plates:		
Matrixes.....	Matrixes.....	11,294	14,689
Electrotyping, stereotyping, and matrixes made for others, not reported separately.....	Electrotyping, stereotyping, and matrixes made for others, not reported separately.....	2,075	4,699

<sup>1</sup> Amounts for by small establishments (generally less than 10 employees) that were not asked to report a breakdown of their total receipts.

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1960

MC(P)-276-4

### PHOTOENGRAVING INDUSTRY

(Industry Code 2793—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Photoengraving Industry shipped products valued at \$209 million, an increase of 19 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 3 percent from 1954 to 1958 to a total of 17.2 thousand employees in 1958. Value added by manufacture in the industry amounted to \$172 million in 1958, an increase of 15 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE PHOTOENGRAVING INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2793)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	17.2	17.7	-3
Payroll.....	Million dollars...	125.3	112.6	+11
Production workers:				
Number.....	Thousands.....	12.3	11.8	+4
Man-hours.....	Millions.....	22.8	25.6	-11
Wages.....	Million dollars...	91.4	82.6	+11
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	171.3	148.9	+15
Value added by manufacture, adjusted <sup>2</sup> .....	..do.....	172.0	149.3	+15
Cost of materials, fuel, electricity, and contract work <sup>3</sup> .....	..do.....	37.2	26.1	+42
Value of shipments <sup>4</sup> .....	..do.....	208.9	175.3	+19
Capital expenditures, new.....	..do.....	7.0	4.0	+75
Number of establishments with 20 or more employees <sup>5</sup> .....	Number.....	271	267	+2

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

<sup>7</sup>Omitted due to extensive duplication arising from shipments from one establishment to another in the same industry classification. (For selected industries.)



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices 10 cents

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Photoengraving Industry includes establishments engaged primarily in preparing photoengraved plates (halftones and line-cuts). These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Photoengraving Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Photoengraving Industry amounted to \$209 million. Of this total, \$194 million were products primary to the industry, \$10 million were products primary to other industries, the balance of \$5 million represented resales and miscellaneous activities. The industry shipments of primary products represented 95 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 95 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$209 million of Photoengraved plates were reported by all producers of these products. Of this total, \$194 million, or 93 percent, were shipped by plants classified in Industry 2793, Photoengraving, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

Region and State <sup>1</sup>	1957							1958			
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	Value added by manufacture
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)				(\$1,000)
United States.....	1,717,000	17,170	1,000,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
New England.....	1,000,000	10,000	600,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Maine.....	10,000	100	10,000	100	100	100	100	100	100	100	100
Massachusetts.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
New Hampshire.....	10,000	100	10,000	100	100	100	100	100	100	100	100
Rhode Island.....	10,000	100	10,000	100	100	100	100	100	100	100	100
Vermont.....	10,000	100	10,000	100	100	100	100	100	100	100	100
Middle Atlantic.....	1,000,000	10,000	600,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
New Jersey.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
New York.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Pennsylvania.....	1,000,000	10,000	600,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
East North Central.....	1,000,000	10,000	600,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Illinois.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Indiana.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Michigan.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Minnesota.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Ohio.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Wisconsin.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
West North Central.....	1,000,000	10,000	600,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Iowa.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Missouri.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Nebraska.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
North Dakota.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
South Dakota.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
South Atlantic.....	1,000,000	10,000	600,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Florida.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Georgia.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
North Carolina.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
South Carolina.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
East South Central.....	1,000,000	10,000	600,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Alabama.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Arkansas.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Louisiana.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Mississippi.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
West South Central.....	1,000,000	10,000	600,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Texas.....	1,000,000	10,000	600,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Mountain.....	1,000,000	10,000	600,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Colorado.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Idaho.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Montana.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
New Mexico.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Utah.....	100,000	1,000	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Pacific.....	1,000,000	10,000	600,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
California.....	1,000,000	10,000	600,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, or (b) because the industry was of relatively minor economic importance in the State. (Note revision.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--VALUE OF RECEIPTS FROM PHOTOENGRAVING IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Photoengraving Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	Value of receipts	
		1958	1954
2793011	Photoengraving plates made for others.....	209,340	179,100









# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 4, 1960

MC(P)-28A-1

### ALKALIES AND CHLORINE INDUSTRY

(Industry Code 2812—SIC system in use through 1957)

Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Alkalies and Chlorine Industry shipped products valued at \$504 million, an increase of 22 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry in 1958 was 20.5 thousand employees approximately the same as the number reported in 1954. Value added by manufacture in the industry amounted to \$304 million in 1958, an increase of 19 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE ALKALIES AND CHLORINE INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
Standard Industrial Classification Code 2812)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
Employees:				
Number.....	Thousands.....	20.5	20.4	...
Payroll.....	Million dollars...	115.0	96.0	+20
Production workers:				
Number.....	Thousands.....	13.9	15.2	-9
Man-hours.....	Millions.....	28.4	31.4	-10
Shipments.....	Million dollars...	75.1	67.9	+11
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	300.2	251.0	+20
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	304.2	256.3	+19
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	201.1	159.4	+26
Value of shipments <sup>5</sup> .....	..do.....	504.4	413.6	+22
Capital expenditures, new.....	..do.....	27.9	34.7	-20
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	32	29	+10

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not states until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for Number of establishments with 20 or more employees, the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Alkalies and Chlorine Industry includes establishments engaged primarily in the manufacture of sodium hydroxide (caustic soda), potassium hydroxide (caustic potash), soda ash, potassium carbonate, sodium bicarbonate, sal soda, and chlorine. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Alkalies and Chlorine Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Alkalies and Chlorine Industry amounted to \$504 million. Of this total, \$356 million were products primary to the industry, \$131 million were products primary to other industries, and \$17 million were receipts for miscellaneous activities. The industry shipments of primary products represented 73 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 76 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicated that \$425 million of alkalies and chlorine were shipped by all producers of these products. Of this total, \$356 million, or 84 percent, were shipped by plants classified in Industry 2812, Alkalies and Chlorine, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.





# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-28A-2

### INDUSTRIAL INORGANIC CHEMICALS INDUSTRY

(Industry Code 2819--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Industrial Inorganic Chemicals, Not Elsewhere Classified, Industry shipped products valued at 2,567 million, an increase of 41 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 6 percent from 1954 to 1958 to a total of 85.1 thousand employees in 1958. Value added by manufacture in the industry amounted to 1,373 million in 1958, an increase of 36 percent from 1954 when the previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes,

the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

The Inorganic Chemicals, N.E.C., Industry includes establishments engaged primarily in the manufacture of inorganic chemicals which are not elsewhere classified. Important products of this industry include inorganic acids such as boric, hydrochloric, hydrofluoric, nitric, and phosphoric; inorganic salts of sodium, potassium, aluminum, calcium, chromium, magnesium, mercury, nickel, silver, and tin; inorganic compounds such as alums, calcium carbide, sodium silicate, ammonium compounds, and anhydrous ammonia; and elemental bromine and iodine.

Table 1A.—GENERAL STATISTICS FOR THE INORGANIC CHEMICALS, N.E.C., INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(See Table 1B for separate figures for privately owned establishments and Government-owned, privately operated establishments Standard Industrial Classification Code 2819)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	85.1	*90.4	-6
Payroll.....	Million dollars...	523.2	*445.7	+17
Production workers:				
Number.....	Thousands.....	55.0	*56.5	-3
Man-hours.....	Millions.....	112.2	*115.4	-3
Wages.....	Million dollars...	309.9	*252.6	+23
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	1,358.4	*997.0	+36
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	1,372.9	*1,011.9	+36
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	1,198.0	*818.8	+46
Value of shipments <sup>5</sup> .....	..do.....	2,567.0	*1,822.9	+41
Capital expenditures, new.....	..do.....	117.1	*173.7	-33
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	252	*236	+7

\*Revised.

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Alaska and Hawaii were not States until 1959. They will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Capital expenditures for Government-owned privately operated establishments are excluded from the total for the industry.

<sup>7</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00





The statistics in tables 1 and 2 include information for government-owned plants operated by private firms for the account of the Federal Government but exclude the activities of government-owned and/or operated plants. Table 3 does not include product information for Government owned plants. Since the capital expenditures made by Government-owned-privately operated plants are paid for by current billings to the United States, these amounts are excluded from the statistics shown in tables 1 and 2. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Inorganic Chemicals, N.E.C., Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Inorganic Chemicals, N.E.C., Industry amounted to \$2,567 million. Of this total, \$1,413 million were products primary to the industry, \$194 million were products primary to other industries, and \$960 million were re-

ceipts for miscellaneous activities. The industry shipments of primary products represented 88 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 87 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,784 million of Inorganic Chemicals, Not Elsewhere Classified were shipped of all producers of these products. Of this total, \$1,413 million, or 79 percent, were shipped by plants classified in Industry 2819, Inorganic Chemicals, N.E.C., while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

3

Table 1B.—GENERAL STATISTICS FOR THE INORGANIC CHEMICALS, N.E.C., INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2819)

Item	Unit of quantity	Privately-owned and privately operated establishments			Government-owned, privately operated establishments		
		1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:							
Number.....	Thousands.....	49.2	50.8	-3	35.9	39.6	-9
Payroll.....	Million dollars.....	284.3	233.7	22	238.9	212.0	+13
Production workers:							
Number.....	Thousands.....	35.1	37.1	-5	19.9	19.4	+3
Man-hours.....	Millions.....	72.3	75.8	-5	39.9	39.6	+1
Wages.....	Million dollars.....	188.6	157.7	+20	121.3	94.9	+28
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	820.0	640.7	+28	658.4	636.3	+51
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	834.5	655.6	+27	658.4	636.3	+51
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	961.3	666.7	+44	236.7	152.1	+56
Value of shipments <sup>5</sup> .....	..do.....	1,791.9	1,314.5	+36	xxx	xxx	xxx
Capital expenditures, new.....	..do.....	117.1	173.7	-33	xxx	xxx	xxx
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	242	228	+6	10	8	+25

<sup>1</sup>xxx Not applicable.<sup>2</sup>The figures in this report include the results for establishments located in the continental United States. Alaska and Hawaii were not States until 1959. They will be covered in separate reports.<sup>3</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.<sup>4</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year. For Government-owned, privately operated establishments, the adjusted and unadjusted value added figures are equal since inventories of these establishments are excluded from total inventories of the industry, and since no products were reported as purchased and resold without further manufacture.<sup>5</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.<sup>6</sup>For explanation see text under "Value of shipments."<sup>7</sup>Estimated based upon averages reported for commercial establishments in prior years.<sup>8</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 2.—GENERAL STATISTICS FOR THE INORGANIC CHEMICALS, N.E.C., INDUSTRY (S.I.C. CODE 2819), BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of estab-lishments with 20 or more employ-ees <sup>5</sup>	All em-ployees, number	Value added by manufac-ture, unad-justed <sup>2</sup>
	Number	Payroll	Number	Man-hours	Wages	Unad-justed <sup>3</sup>	Adjusted <sup>3</sup>					
		(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)		
United States, total.....	85,057	523,199	55,013	112,238	309,871	1,358,393	1,372,856	2,566,980	113,398	252	*90,441	*996,959
Northeast.....	10,062	59,414	6,847	13,763	35,910	129,616	131,959	329,418	13,429	56	9,604	111,855
Massachusetts.....	554	2,663	432	899	1,935	5,720	5,798	12,034	195	6	281	3,106
North Central.....	20,572	123,819	13,890	28,372	78,340	309,673	316,040	652,846	35,490	64	17,587	208,437
Ohio.....	9,923	60,577	6,392	13,076	37,433	158,288	157,790	299,712	5,710	21	7,117	88,523
Illinois.....	3,149	18,747	2,251	4,645	12,242	42,380	43,902	101,033	15,148	15	4,210	44,833
South Atlantic.....	15,329	91,304	9,006	18,364	46,464	226,528	225,975	334,525	8,313	33	20,839	161,328
Georgia.....	634	3,257	442	992	1,930	10,382	10,636	21,641	752	7	662	3,862
Florida.....	383	1,865	295	667	1,391	12,450	12,236	22,757	632	5	336	4,295
East South Central.....	15,847	98,185	10,008	20,825	55,538	292,081	292,963	540,562	22,507	21	16,743	209,868
Tennessee.....	11,955	75,302	7,357	15,424	41,465	200,196	200,039	325,164	13,530	12	12,921	150,030
West South Central.....	8,182	49,571	6,122	12,826	35,374	146,438	149,072	345,180	25,980	34	11,391	129,848
Louisiana.....	2,489	15,540	1,821	3,861	10,921	40,760	40,243	109,896	6,974	9	5,048	48,965
Texas.....	3,161	18,300	2,378	5,045	13,090	62,419	65,995	150,285	15,244	19	3,095	37,327
Mountain.....	3,316	20,416	1,995	3,847	11,760	53,428	54,167	88,914	2,702	10	*1,628	*21,664
Pacific.....	11,749	80,490	7,145	14,241	46,485	200,629	202,680	275,535	4,977	34	12,646	153,957

<sup>1</sup>Revised.<sup>2</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)<sup>3</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.<sup>4</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.<sup>5</sup>For explanation see text under "Value of shipments."<sup>6</sup>Capital expenditures for Government-owned, privately operated establishments are excluded from the total for the industry.<sup>7</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF INORGANIC CHEMICALS, N.E.C., SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954  
(Includes quantity and value of these products reported not only by establishments classified in the Inorganic Chemicals, N.E.C., Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments."  
The 1958 information represents figures as reported on Annual Form MA-28E-1)

Product code	Product	1958				1954					
		Production for all purposes (short tons)	Total shipments including inter-plant transfers		Commercial shipments		Production for all purposes (short tons)	Total shipments including inter-plant transfers		Commercial shipments	
			Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)		Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)
2819—	Inorganic chemicals, n.e.c., total.....	xxx	xxx	1,784,012	xxx	xxx	xxx	xxx	1,438,611	xxx	xxx
28191—	Synthetic ammonia, nitric acid, and ammonium compounds.....	xxx	xxx	2,359,522	xxx	xxx	xxx	xxx	2,296,868	xxx	xxx
2819111	Nitric (100% HNO <sub>3</sub> ) <sup>3</sup> .....	2,704,062	188,861	14,213	(D)	(D)	2,289,297	136,104	10,074	115,865	8,591
2819131	Ammonia (100% NH <sub>3</sub> ) <sup>4</sup> .....	3,878,778	1,798,973	130,837	1,423,526	104,210	2,736,478	1,284,894	114,836	1,158,473	104,833
2819133	Anhydrous.....	50,933	39,766	2,706	38,422	2,600	53,943	44,714	3,876	(D)	(D)
	Aqueous.....										
	Ammonium compounds:										
2819141	Chloride (100% NH <sub>4</sub> Cl):										
2819143	Gray.....	} 22,257	22,340	2,782	22,340	2,782	28,443	28,979	3,661	(D)	(D)
	White.....										
	Nitrate (100% NH <sub>4</sub> NO <sub>3</sub> ):										
2819151	Fertilizer grade:										
2819152	Original solution.....	2,238,780	64,589	3,591	(D)	(D)	5,155,228	40,378	2,220	40,378	2,220
2819153	Solid.....	1,521,132	1,470,392	90,338	(D)	(D)	983,623	950,170	65,103	950,170	65,103
2819155	Other grades (explosive, etc.) <sup>3</sup> .....	222,532	107,051	7,095	83,317	5,933	230,235	104,469	6,962	(D)	(D)
	Nitrogen solutions (100% N <sub>2</sub> ) mixtures containing two or more nitrogenous materials....	624,221	614,827	68,470	(D)	(D)	444,705	452,695	56,571	452,695	56,571
2819157	Sulfate (other than byproduct coke oven) (100% (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> ) <sup>4</sup> .....	1,090,956	1,000,037	33,120	999,260	33,089	943,825	801,765	36,017	(D)	(D)
2819159	Other ammonium compounds.....	xxx	xxx	11,439	xxx	xxx	xxx	xxx	9,324	xxx	xxx
28192—	Chlorine bleaching compounds.....	xxx	xxx	102,696	xxx	xxx	xxx	xxx	83,787	xxx	xxx
2819211	Calcium hypochlorite (high test) (70% avail. Cl <sub>2</sub> ).....	14,595	13,087	6,097	(D)	(D)	12,312	9,939	4,991	(D)	(D)
2819221	Bleaching powder (chloride of lime) (35-37% avail. Cl <sub>2</sub> ).....	} xxx	xxx	545	xxx	xxx	xxx	xxx	1,237	(D)	(D)
2819231	Liquid lime bleaches (35-37% avail. Cl <sub>2</sub> ).....										
2819241	Sodium hypochlorite and other sodium bleaching compounds.....	} xxx	xxx	96,054	xxx	xxx	{ xxx xxx	xxx xxx	69,794 7,765	xxx xxx	xxx xxx
2819251	Other chlorine bleaching compounds.....										
28193—	Inorganic acids, except nitric and sulfuric.....	xxx	xxx	2,117,603	xxx	xxx	xxx	xxx	78,851	xxx	xxx
2819311	Boric (boracic) (100% H <sub>3</sub> BO <sub>3</sub> ).....	86,097	78,080	9,030	(D)	(D)	62,803	(D)	( <sup>6</sup> )	(D)	(D)
2819321	Chlorosulfonic (100% SO <sub>2</sub> ClOH).....	42,268	41,846	3,165	(D)	(D)	(D)	(D)	( <sup>6</sup> )	(D)	(D)
2819331	Chromic acid (100% CrO <sub>3</sub> ) <sup>7</sup> .....	12,667	12,842	7,219	(D)	(D)	13,191	12,994	7,255	12,994	7,255
	Hydrochloric acid (including anhydrous) (100% HCl), total.....	848,487	408,101	25,140	(D)	(D)	763,472	360,848	22,163	(D)	(D)
2819341	From salt.....	107,036	61,622	4,516	(D)	(D)	150,305	68,129	5,037	(D)	(D)
2819345	From chlorine.....	159,114	65,310	4,988	(D)	(D)	157,815	44,741	3,803	(D)	(D)
2819347	Byproduct and other.....	582,337	281,688	15,636	243,143	13,633	455,272	247,978	13,323	(D)	(D)
2819351	Hydrocyanic (including anhydrous) (100% HCN).....	78,075	(D)	( <sup>6</sup> )	(D)	(D)	(D)	(D)	( <sup>6</sup> )	(D)	(D)
2819361	Hydrofluoric (100% HF):										
2819365	Anhydrous.....	84,377	48,973	17,964	(D)	(D)	54,968	26,835	10,594	(D)	(D)
	Technical.....										
2819367	Mixed (sulfuric and nitric) <sup>3</sup> .....	276,472	108,800	8,614	(D)	(D)	403,973	110,500	7,595	(D)	(D)
	Phosphoric acid (100% P <sub>2</sub> O <sub>5</sub> ), total (previously published on 50% basis. Factor used to convert to 100% P <sub>2</sub> O <sub>5</sub> basis is 0.3622).....	1,710,541	300,237	39,805	(D)	(D)	1,138,026	131,595	22,207	(D)	(D)
2819381	From phosphorus.....	654,478	211,785	29,639	(D)	(D)	506,774	115,052	19,962	} 114,599	20,837
2819385	From phosphate rock.....	1,056,063	88,452	10,166	(D)	(D)	631,252	16,543	2,245		
2819398	Other inorganic acids, n.e.c.....	xxx	xxx	69,385	xxx	xxx	xxx	xxx	69,037	xxx	xxx
28194—	Aluminum compounds.....	xxx	xxx	284,592	xxx	xxx	xxx	xxx	234,828	xxx	xxx
	Chloride:										
2819411	Liquid (32° Be <sup>1</sup> ).....	} 20,225	12,287	894	(D)	(D)	11,337	10,725	774	10,725	774
2819415	Crystal (32° Be <sup>1</sup> ).....										
2819417	Anhydrous (100% AlCl <sub>3</sub> ).....										
2819425	Hydroxide, trihydrate (100% Al <sub>2</sub> O <sub>3</sub> ·3H <sub>2</sub> O).....	134,971	120,830	8,300	(D)	(D)	92,400	84,485	5,306	(D)	(D)
2819427	Fluoride (technical).....	36,214	36,090	10,269	(D)	(D)	55,954	54,089	13,884	(D)	(D)
2819431	Oxide, except natural alumina (100% Al <sub>2</sub> O <sub>3</sub> ).....	3,090,810	3,063,001	214,632	237,518	24,244	2,886,207	2,866,773	166,883	(D)	(D)
2819441	Sodium aluminate (62.2% Al <sub>2</sub> O <sub>3</sub> ).....	(D)	(D)	( <sup>6</sup> )	(D)	(D)	9,860	(D)	( <sup>6</sup> )	(D)	(D)
	Sulfate:										
2819451	Commercial (17% Al <sub>2</sub> O <sub>3</sub> ).....	9824,498	812,503	30,476	(D)	(D)	9724,923	707,064	24,993	(D)	(D)
2819455	Iron-free (17% Al <sub>2</sub> O <sub>3</sub> ).....	43,516	23,744	1,617	(D)	(D)	23,745	23,100	1,633	(D)	(D)
2819471	Other inorganic aluminum compounds (including light aluminum hydroxide, cryolite, and alums).....	xxx	xxx	811,247	xxx	xxx	xxx	xxx	812,565	xxx	(NA)

See footnotes at end of table.

Table 3.—QUANTITY AND VALUE OF INORGANIC CHEMICALS, N.E.C., SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954—Continued

Product code	Product	1958				1954			
		Production for all purposes (short tons)	Total shipments including inter-plant transfers		Commercial shipments	Production for all purposes (short tons)	Total shipments including inter-plant transfers		Commercial shipments
			Quantity (short tons)	Value (\$1,000)			Quantity (short tons)	Value (\$1,000)	
2819—	Inorganic chemicals, n.e.c.—Continued..								
28195—	Potassium and sodium compounds (except bleaches, alkalis, and alums).....	xxx	xxx	2317,277	xxx	xxx	xxx	2275,814	xxx
	Potassium compounds, n.e.c.:.....								
2819513	Iodide (100% KI).....	366	395	1,178	(D)	342	352	1,409	(D)
2819515	Perchlorate (100% $\text{KClO}_4$ ).....	(D)	(D)	(10)	(D)	826	889	285	(D)
2819516	Sulfate (100% $\text{K}_2\text{SO}_4$ ).....	183,343	190,513	7,166	(D)	(D)	(D)	(16)	(D)
2819517	Other potassium salts and compounds, n.e.c., (including potassium bromide, chlorate and nitrate).....	xxx	xxx	1089,441	xxx	xxx	xxx	1083,662	xxx
2819521	Sodium (metal) (100% Na).....	110,297	52,304	17,347	(D)	127,299	48,913	15,609	(D)
	Sodium compounds, n.e.c.:.....								
2819524	Borate (Borax) technical grade only, bulk and packaged (excluding anhydrous and pentahydrate forms) ( $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ )..	456,713	(D)	(11)	(D)	354,420	*145,076	*145,076	*145,076
2819527	Chlorate (100% $\text{NaClO}_3$ ).....	67,249	53,303	8,735	(D)	39,952	22,645	3,523	(D)
2819528	Fluoride (100% NaF).....	5,365	5,145	1,372	(D)	4,721	4,660	1,042	(D)
2819529	Hydroxulfide (sodium sulfhydrate) (100% NaSH).....	20,456	19,260	2,385	(D)	23,207	20,504	2,588	(D)
2819530	Hydroxulfite (100% $\text{Na}_2\text{S}_2\text{O}_4$ ).....	22,988	22,935	10,484	(D)	26,201	25,877	11,460	(D)
	Phosphate:.....								
2819532	Monobasic (100% $\text{NaH}_2\text{PO}_4$ ).....	129,646	10,345	1,787	(D)	127,114	6,911	1,123	(D)
2819533	Dibasic (100% $\text{NaHPO}_4$ ).....	122,181	22,141	3,504	21,689	126,604	24,331	3,623	(D)
2819534	Tribasic (100% $\text{Na}_3\text{PO}_4$ ).....	45,533	45,668	8,352	(D)	48,435	48,008	8,889	48,008
2819535	Tetrabasic (pyro) (100% $\text{Na}_2\text{P}_2\text{O}_7$ ).....	101,307	87,135	12,395	(D)	108,989	88,355	13,113	(D)
2819536	Meta (100% $\text{NaPO}_3$ ).....	53,500	54,115	10,019	(D)	52,808	51,688	9,076	(D)
2819537	Acid pyro (100% $\text{Na}_2\text{H}_2\text{P}_2\text{O}_7$ ).....	16,707	15,302	3,235	(D)	14,238	13,544	2,538	(D)
2819538	Tripoly (100% $\text{Na}_3\text{P}_3\text{O}_{10}$ ).....	632,577	607,058	92,166	602,615	520,549	487,259	76,230	(D)
2819539	Other sodium phosphates.....	xxx	xxx	(11)	xxx	xxx	xxx	1,841	xxx
	Silicates:.....								
2819541	Soluble silicate glass (water glass) solid and liquid (anhydrous).....	1477,493	376,556	24,168	(D)	14595,996	451,824	25,240	451,824
2819543	Meta silicate (100% $\text{Na}_2\text{SiO}_3 \cdot 5\text{H}_2\text{O}$ ).....	196,622	135,462	10,193	(D)	132,908	113,569	7,942	(D)
2819545	Ortho silicate (100% $\text{Na}_4\text{SiO}_4$ ).....	37,792	36,406	4,537	(D)	35,203	34,596	3,195	34,596
2819551	Silicofluoride (100% $\text{Na}_2\text{SiF}_6$ ).....	17,261	14,538	1,662	(D)	19,783	17,774	2,347	(D)
	Sulfate:.....								
2819561	Anhydrous (refined) (100% $\text{Na}_2\text{SO}_4$ ).....	255,077	256,584	7,087	(D)	204,668	201,990	4,625	201,990
2819565	Salt cake (crude) technical....	639,751	655,529	14,617	(D)	658,638	645,028	11,687	645,028
2819567	Glauber's salt (100% $\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$ ).....	106,097	75,248	897	(D)	146,992	90,390	915	90,390
	Sulfide (60-62% $\text{Na}_2\text{S}$ ):.....								
2819582	Concentrated.....	22,025	22,506	2,450	22,506	22,792	23,396	2,314	(D)
2819583	Other (including liquid and crystal).....	1310,690	16,757	197	6,757	197	17,170	430	(D)
2819584	Sulfite (100% $\text{Na}_2\text{SO}_3$ ).....	118,704	125,903	5,418	(D)	80,282	80,494	3,930	80,494
2819585	Thiosulfate (hypos) (100% $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$ ).....	36,278	36,631	3,057	(D)	37,658	37,131	3,018	(D)
2819587	Other sodium compounds, n.e.c., (including sodium bisulfate, bifluoride, bromide, cyanide, peroxide, and sesquisulfate)....	xxx	xxx	1186,975	xxx	xxx	xxx	446,629	xxx
2819611	Reagent and high purity grades of inorganic chemicals refined from purchased technical grades.....	xxx	xxx	12,808	xxx	xxx	xxx	11,738	xxx
28197—	Other inorganic chemicals, n.e.c.....	xxx	xxx	2589,514	xxx	xxx	xxx	2456,725	xxx
	Barium compounds:.....								
2819701	Carbonate (precipitated) (100% $\text{BaCO}_3$ ).....	161,561	37,362	4,055	(D)	1648,831	47,387	4,373	47,387
2819705	Nitrate (100% $\text{Ba(NO}_3)_2$ ).....	394	432	174	(D)	1,854	1,399	370	(D)
2819706	Other barium compounds, including barium chloride, peroxide, and sulfide <sup>17</sup> .....	xxx	xxx	7,064	xxx	xxx	xxx	6,312	xxx
	Bismuth compounds:.....								
2819708	Subcarbonate (100% $\text{Bi}_2\text{O}_3\text{CO}_3$ ) <sub>2</sub> .....	52	47	308	47	107	102	722	102
2819709	Subnitrate, except U.S.P. and N.F. grades (100% $\text{BiONO}_3 \cdot \text{H}_2\text{O}$ ).....	xxx	xxx	xxx	xxx	79	83	442	83
2819710	Other bismuth compounds.....	xxx	xxx	543	xxx	xxx	xxx	307	xxx

See footnotes at end of year.



Table 3.—QUANTITY AND VALUE OF INORGANIC CHEMICALS, N.E.C., SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954—Continued

Product code	Product	1958					1954				
		Production for all purposes	Total shipments including inter-plant transfers		Commercial shipments		Production for all purposes	Total shipments including inter-plant transfers		Commercial shipments	
			(short tons)	Quantity (short tons)	Value (\$1,000)	Quantity (short tons)		Value (\$1,000)	(short tons)	Quantity (short tons)	Value (\$1,000)
2819----	Inorganic chemicals, n.e.c.—Continued										
28197----	Other inorganic chemicals, n.e.c.—Continued										
2819711	Bromine (isolated) (100% Br <sub>2</sub> ).....	NA	4,955	2,306	(D)	(D)	(D)	3,227	1,459	(D)	(D)
	Calcium compounds:										
2819712	Carbide.....	902,408	580,955	58,090	(D)	(D)	719,304	431,996	38,525	(D)	(D)
2819713	Carbonate (precipitated) (100% CaCO <sub>3</sub> ).....	157,576	131,146	7,311	(D)	(D)	161,565	135,663	6,625	(D)	(D)
	Chloride:										
2819714	Solid and flake (77-80% CaCl <sub>2</sub> )..	528,882	531,565	15,340	(D)	(D)	437,703	437,262	10,786	(D)	(D)
2819715	Liquid (40-45% CaCl <sub>2</sub> ).....	182,006	204,359	2,031	(D)	(D)	157,089	155,877	1,351	(D)	(D)
	Phosphates:										
2819719	Debasic (100% CaHPO <sub>4</sub> ):										
2819720	Feed grades.....	224,921	219,010	20,980	(D)	(D)	105,822	(D)	(19)	(D)	(D)
2819718	Other grades.....										
2819721	Monobasic.....	xxx	xxx	12,365	xxx	xxx	xxx	xxx	1916,903	xxx	xxx
2819722	Tribasic.....										
2819723	Other inorganic calcium compounds <sup>17</sup> .....	xxx	xxx	9,369	xxx	xxx	xxx	xxx	8,535	xxx	xxx
2819724	Carbon, activated (decolorizing and water purification grades) <sup>20</sup> .....	53,297	53,728	13,834	(D)	(D)	46,200	44,100	9,326	(D)	(D)
2819726	Chromium compounds:										
	Bichromates and chromates:										
2819728	Potassium.....	2,346	2,707	925	(D)	(D)	2,928	2,691	796	(D)	(D)
2819729	Sodium.....	97,803	76,581	19,005	(D)	(D)	99,197	71,994	16,263	(D)	(D)
2819731	Other chromium compounds <sup>17</sup> .....	xxx	xxx	6,216	xxx	xxx	xxx	xxx	4,495	xxx	xxx
	Copper compounds:										
2819735	Cuprous oxide (100% Cu <sub>2</sub> O).....	3,059	3,021	2,068	(D)	(D)	*2,875	*2,872	*2,274	(D)	(D)
2819736	Copper sulfate (100% CuSO <sub>4</sub> ·5H <sub>2</sub> O)....	43,300	39,393	8,202	(D)	(D)	*64,056	*62,248	*12,437	(D)	(D)
2819737	Other copper compounds (including copper cyanide and cupric oxide)....	xxx	xxx	4,386	xxx	xxx	xxx	xxx	*4,852	xxx	xxx
2819739	Hydrogen peroxide (100% by weight)....	25,671	23,952	22,308	(D)	(D)	xxx	xxx	xxx	xxx	xxx
2819740	Iodine resublimed (100% I <sub>2</sub> ).....	92	42	197	(D)	(D)	54	43	229	(D)	(D)
	Iron compounds:										
2819742	Ferric chloride (100% FeCl <sub>3</sub> ).....	32,908	32,526	2,940	(D)	(D)	29,226	28,077	2,470	(D)	(D)
2819743	Ferrous sulfate (100% FeSO <sub>4</sub> ·7H <sub>2</sub> O)....	130,774	78,152	1,115	(D)	(D)	*164,783	*102,224	1,155	(D)	(D)
2819744	Other iron compounds <sup>17</sup> .....	xxx	xxx	2,493	xxx	xxx	xxx	xxx	2,713	xxx	xxx
2819748	Magnesium compounds.....	xxx	xxx	12,768	xxx	xxx	xxx	xxx	11,369	xxx	xxx
2819749	Manganese compounds:										
2819750	Sulfate 100% (MnSO <sub>4</sub> ·4H <sub>2</sub> O).....	24,620	(D)	(22)	(D)	(D)	(D)	(D)	(22)	(D)	(D)
2819752	Other manganese compounds.....	xxx	xxx	2214,497	xxx	xxx	xxx	xxx	227,829	xxx	xxx
	Mercury and compounds:										
2819753	Mercury, redistilled (quantity in pounds).....	373,439	375,485	1,580	375,485	1,580	503,284	503,082	2,079	503,082	2,079
2819754	Mercuric chloride (100% HgCl <sub>2</sub> )....	264	111	878	111	878	(D)	(D)	(23)	(D)	(D)
2819755	Other mercury compounds, except mercuric fulminate and medical grades.....	xxx	xxx	2,606	xxx	xxx	xxx	xxx	237,556	xxx	xxx
2819759	Nickel compounds:										
2819760	Sulfate (100% NiSO <sub>4</sub> ·6H <sub>2</sub> O).....	7,384	6,661	3,219	(D)	(D)	*8,553	*8,379	*4,408	(D)	(D)
2819761	Other nickel compounds.....	xxx	xxx	3,039	xxx	xxx	xxx	xxx	5,945	xxx	xxx
	Phosphorus and compounds:										
	Phosphorus, elemental:										
2819762	White (yellow and red (technical).....	335,747	294,332	104,305	25,022	9,272	266,887	225,208	70,588	17,400	5,869
2819763	Oxychloride (100% POCl <sub>3</sub> ).....	17,444	13,097	3,089	(D)	(D)	15,240	*13,332	*2,168	7,681	1,879
2819764	Pentoxide (100% P <sub>2</sub> O <sub>5</sub> ).....	10,596	9,130	2,090	(D)	(D)	7,010	5,294	1,152	5,294	1,152
2819765	Trichloride (chloride) (100% PCl <sub>3</sub> )....	16,626	4,761	1,179	(D)	(D)	9,758	4,046	1,058	4,046	1,058
2819766	Other phosphorus compounds.....	xxx	xxx	5,630	xxx	xxx	xxx	xxx	3,895	xxx	xxx
2819767	Silica gel.....	xxx	xxx	29,571	xxx	xxx	xxx	xxx	45,458	xxx	xxx
2819769	Silver compounds:										
2819770	Cyanide (100% AgCN) (thousand ounces).....	1,349	1,336	937	1,336	937	2,143	2,164	1,349	2,164	1,349
2819771	Nitrate (100% AgNO <sub>3</sub> ) (thousand ounces).....	65,618	28,011	14,938	28,011	14,938	63,017	27,579	13,028	27,579	13,028
2819772	Other silver compounds.....	xxx	xxx	1,292	xxx	xxx	xxx	xxx	1,762	xxx	xxx

See footnotes at end of table.



Table 3.—QUANTITY AND VALUE OF INORGANIC CHEMICALS, N.E.C., SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954—Continued

Product code	Product	1958				1954			
		Production for all purposes (short tons)	Total shipments including inter-plant transfers		Commercial shipments		Production for all purposes (short tons)	Total shipments including inter-plant transfers	
			Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)		Quantity (short tons)	Value (\$1,000)
2819—	Inorganic chemicals, n.e.c.—Continued								
28197—	Other inorganic chemicals, n.e.c.—Continued								
2819775	Sulfur compounds: Dioxide (produced for sale) (100% SO <sub>2</sub> ).....	2485,855	75,757	3,388	(D)	(D)	2455,394	49,386	3,236
2819776	Chloride, technical.....	(D)	(D)	(25)	(D)	(D)	8,912	7,390	454
2819777	Other sulfur compounds, including refined sulfur.....	xxx	xxx	2318,346	xxx	xxx	xxx	9,140	xxx
2819779	Tin compounds: Chloride (stannous) (100% SnCl <sub>2</sub> ).....	(D)	(D)	(26)	(D)	(D)	739	465	711
2819780	Oxide (stannic) (100% SnO <sub>2</sub> ).....	838	690	1,432	(D)	(D)	xxx	xxx	3,396
2819781	Other tin compounds (including stannic chloride).....	xxx	xxx	264,399	xxx	xxx	xxx	xxx	xxx
2819782	Zinc compounds: Chloride (100% ZnCl <sub>2</sub> ).....	30,454	25,520	3,916	(D)	(D)	25,589	18,539	3,367
2819783	Sulfate (100% ZnSO <sub>4</sub> ·7H <sub>2</sub> O).....	62,026	47,287	4,386	(D)	(D)	40,142	24,505	2,959
2819788	Other zinc compounds (including hydrosulfite and phosphide) <sup>17</sup> ...	xxx	xxx	6,342	xxx	xxx	xxx	5,444	xxx
2819791	Antimony compounds (excluding pigment grades).....	xxx	xxx	3,063	xxx	xxx	xxx	xxx	xxx
2819792	Arsenic compounds (including white arsenic) <sup>27</sup> .....	xxx	xxx	852	xxx	xxx	xxx	xxx	xxx
2819793	Cadmium compounds.....	xxx	xxx	2,112	xxx	xxx	xxx	21,251	1,479
2819794	Cobalt compounds.....	xxx	xxx	1,963	xxx	xxx	xxx	xxx	xxx
2819795	Gold compounds.....	xxx	xxx	8,052	xxx	xxx	xxx	xxx	xxx
2819797	Selenium compounds.....	xxx	xxx	2,328	xxx	xxx	xxx	xxx	xxx
2819799	Tungsten compounds.....	xxx	xxx	914	xxx	xxx	xxx	xxx	xxx
2819798	All other inorganic chemicals.....	xxx	xxx	2013,329	xxx	xxx	xxx	xxx	xxx

\*Revised.

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

xxx Not applicable.

<sup>1</sup>Excludes the value of inorganic chemicals shipped by plants, whose primary activity is such that the establishment is classified as "nonmanufacturing". The data for specific chemicals (7 digit product codes), however, represent totals for wherever made, and, therefore, include figures for F.V.A. plants and those classified in the "Mineral Industries." These "nonmanufacturing" plants shipped inorganic chemicals valued at \$131,556,000 in 1958 and \$99,796,000 in 1954.

<sup>2</sup>The sum of the detail product lines does not add to the product class totals because of the inclusion at the individual product level of shipments by plants classified as "nonmanufacturing." (See footnote 1).

<sup>3</sup>Includes data for Government-owned but privately operated plants.

<sup>4</sup>Excludes data for byproduct ammonia liquor and ammonium sulfate published by the Bureau of Mines. The quantities of byproduct ammonia liquor (NH<sub>3</sub> content) produced is as follows: 14,903 short tons in 1958, and 16,104 in 1954. The quantities of byproduct ammonium sulfate produced are as follows: 640,416 short tons in 1958, and 822,818 in 1954.

<sup>5</sup>Represents total primary production including amounts converted to solid.

<sup>6</sup>Codes 2819311 and 2819321, for the year 1954 and code 2819351 for 1958 and 1954 combined with 2819398, "Other inorganic acids."

<sup>7</sup>Represents complete coverage of all manufacturers by the inclusion of estimates which account for less than 5 percent.

<sup>8</sup>Code 2819441 combined with code 2819471, "Other inorganic aluminum compounds."

<sup>9</sup>In addition, 6326, and 15003 short tons were produced respectively in 1958 and 1954 by municipalities.

<sup>10</sup>Codes 2819515 for 1958 and 2819516 for 1954 combined with code 2819517, "Other potassium salts."

<sup>11</sup>Codes 2819524 and 2819539 for 1958 combined with code 2819587, "Other sodium compounds."

<sup>12</sup>Represents quantities produced only for sale or interplant transfer.

<sup>13</sup>1958 figures exclude quantities produced and consumed in the same establishment in the manufacture of meta-, ortho-, and sesquisilicates.

<sup>14</sup>1954 figures include quantities produced for sale and amounts converted to meta-, ortho-, and sesquisilicates, including estimates for theoretical amounts needed by plants manufacturing higher silicates by by-passing the soluble water glass state.

<sup>15</sup>Excludes amounts converted to concentrated sodium sulfide.

<sup>16</sup>Represents commercial grades and excludes crude grades produced and consumed in producing other barium compounds.

<sup>17</sup>Excludes chemicals classified in Industry 2852, Inorganic Color Pigments.

<sup>18</sup>Excludes quantities of liquid used to produce solid calcium chloride.

<sup>19</sup>Codes 2819719 and 2819720 combined with codes 2819718 and 2819721, for the year 1954.

<sup>20</sup>Value of activated carbon, deodorizing grade, included in total for code 2819798, "Other inorganic chemicals, n.e.c."

<sup>21</sup>Code 2819739 for 1954 combined with code 2819798, "All other inorganic chemicals."

<sup>22</sup>Code 2819750 for 1958 and 1954 combined with code 2819752, "Other manganese compounds."

<sup>23</sup>Code 2819754 combined with code 2819759 for 1954.

<sup>24</sup>Represents only total production of plants which produce all or part of their output for sale or transfer to other plants.

<sup>25</sup>Code 2819776 for 1958 combined with code 2819777, "Other sulfur compounds."

<sup>26</sup>Code 2819779 for 1958, combined with code 2819781, "Other tin compounds."

<sup>27</sup>Excludes data for calcium and lead arsenate and other arsenical preparations classified as primary to Industry 2897, Insecticides and Fungicides.

<sup>28</sup>Includes \$488 thousand of inorganic chemicals, not specified by kind.

**1958 CENSUS OF MANUFACTURES  
PUBLICATION PROGRAM**

Following publication of preliminary reports, the results of  
the 1958 Census of Manufactures will be issued as follows:

**Final Industry Reports**

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

**Final Area Reports**

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

**Final Subject Reports**

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound  
volumes of the 1958 Census of Manufactures.

**VOLUME I—SUMMARY STATISTICS**

**VOLUME II—INDUSTRY STATISTICS**

**VOLUME III—AREA STATISTICS**

**Bureau of the Census**

WASHINGTON 25, D. C.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1960

MC(P)-28B-1

### CYCLIC (COAL-TAR) CRUDES (Industry Code 2821--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Cyclic (Coal-Tar) Crudes Industry shipped products valued at \$116.3 million, an increase of 47 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 10 percent from 1954 to 1958 to a total of 2.1 thousand employees in 1958. Value added by manufacture in the industry amounted to \$29.9 million in 1958, an increase of 35 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE CYCLIC (COAL-TAR) CRUDES INDUSTRY, IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2821)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	2.1	1.9	+10
Payroll.....	Million dollars...	11.9	8.2	+45
Production workers:				
Number.....	Thousands.....	1.7	1.5	+13
Man-hours.....	Millions.....	3.5	2.8	+25
Wages.....	Million dollars...	8.9	5.6	+59
Value added by manufacture, unadjusted <sup>2</sup> .....	...do.....	30.2	22.2	+36
Value added by manufacture, adjusted <sup>3</sup> .....	...do.....	29.9	22.2	+35
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	...do.....	85.6	56.5	+52
Value of shipments <sup>5</sup> .....	...do.....	116.3	79.1	+47
Capital expenditures, new.....	...do.....	4.0	2.2	+82
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	23	26	-12

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00



The Cyclic (Coal-Tar) Crudes Industry includes establishments engaged primarily in the manufacture of crudes from coal-tar. Such crudes include (1) light oils and light oil products such as benzene and toluene; (2) coal-tar acids such as creosols and cresylic acid; and (3) products of medium and heavy oil such as creosote oil, naphthalene, anthracene, and their higher homologues, and tar. Other products manufactured from coal tar included in this industry are xylene, solvent naphtha, road tar and pitch of tar. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Cyclic (Coal-Tar) Crude Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Cyclic (Coal-Tar) Crudes Industry amounted to \$116.3 million. Of this total, \$86.8 million were products primary to the industry, \$26.9 million were products primary to other industries, and \$2.6 million were resales and receipts for miscellaneous activities. The industry shipments of primary products represented 76 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 82 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$104.6 million of Cyclic (Coal-Tar) Crudes were shipped by all producers of these products. Of this total, \$86.8 million, or 83 percent, were shipped by plants classified in industry 2821, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR THE CYCLIC (COAL-TAR) CRUDES INDUSTRY (S.I.C. CODE 2821, BY REGIONS AND STATES 1958 AND 1954

(For explanation of column captions see Text)

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	2,071	11,888	1,667	3,463	8,935	30,172	29,889	116,287	4,036	23	1,925	22,179
Northeast and North Central.....	1,293	7,267	1,062	2,199	5,607	17,484	17,559	69,431	3,499	14	1,275	13,374
South and West.....	778	4,621	605	1,264	3,328	12,688	12,330	46,856	537	9	649	8,805

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—VALUE OF CYCLIC (COAL-TAR) CRUDES SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Cyclic (Coal-Tar) Crudes Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	1958 Value (\$1,000)			1954 Value (\$1,000)		
		Shipments including interplant transfers	Commercial shipments only	Interplant transfers only	Shipments including interplant transfers	Commercial shipments only	Interplant transfers only
2821011	Tar, tar crudes, and tar pitches, total <sup>1</sup> .....	104,577	(D)	(D)	87,426	76,644	11,782

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents values reported by tar distillers and excludes shipment values for tar, tar crudes and for pitches reported by establishments classified in Industry 2932, Byproduct Coke Ovens, and Industry 2911, Petroleum Refining.

**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1963

MC(P)-28B-2

### SYNTHETIC RUBBER INDUSTRY

(Industry Code 2824--SIC system in use through 1957)

Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Synthetic Rubber Industry shipped products valued at \$53.5 million, an increase of 48 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 9 percent from 1954 to 1958 to a total of 9.3 thousand employees in 1958. Value added by manufacture in the industry amounted to \$199 million in 1958, an increase of 39 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

TABLE 1.—GENERAL STATISTICS FOR THE SYNTHETIC RUBBER INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
Standard Industrial Classification Code 2824

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
Value added by manufacture:				
Shipments.....	Thousands.....	6.7	8.3	+24
Value added.....	Million dollars...	53.5	44.0	+22
Production workers:				
Number.....	Thousands.....	6.2	6.0	+3
Man-hour.....	Millions.....	12.5	12.2	+2
Value added.....	Million dollars...	37.6	31.2	+21
Value added by manufacture, unadjusted <sup>2</sup> .....	...do.....	195.7	152.9	+28
Value added by manufacture, adjusted <sup>3</sup> .....	...do.....	198.7	145.7	+36
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	...do.....	340.1	308.6	+10
Value of shipments <sup>5</sup> .....	...do.....	536.3	361.6	+48
Total expenditures, new.....	...do.....	15.9	13.8	+15
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	17	21	-19

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Synthetic Rubber Industry includes establishments engaged primarily in the manufacture of Synthetic rubber by polymerization or copolymerization. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Synthetic Rubber Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Synthetic Rubber Industry amounted to \$536 million. Of this total, \$502 million were products primary to the industry, \$26 million were products primary to other industries, and \$8 million were receipts for miscellaneous activities. The industry shipments of primary products represented 95 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 98 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total

value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$604 million of synthetic rubber were shipped by all producers of these products. Of this total, \$502 million, or 83 percent, were shipped by plants classified in Industry 2824, Synthetic Rubber, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1956, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



1950 CENSUS OF MANUFACTURES

Table 1.—GENERAL CHARACTERISTICS OF SYNTHETIC RUBBER INDUSTRY IN THE UNITED STATES: 1945 AND 1950

State and State <sup>1</sup>	1950										1945	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 75 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unduplicated <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Ages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
Alabama	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Alaska	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Arizona	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Arkansas	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
California	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Colorado	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Connecticut	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Delaware	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
District of Columbia	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Florida	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Georgia	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Hawaii	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Idaho	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Illinois	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Indiana	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Iowa	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Kansas	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Kentucky	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Louisiana	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Maine	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Maryland	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Massachusetts	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Michigan	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Minnesota	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Mississippi	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Missouri	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Montana	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Nebraska	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Nevada	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
New Hampshire	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
New Jersey	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
New Mexico	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
New York	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
North Carolina	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
North Dakota	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Ohio	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Oklahoma	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Oregon	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Pennsylvania	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Rhode Island	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
South Carolina	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
South Dakota	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Tennessee	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Texas	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Utah	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Vermont	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Virginia	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Washington	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
West Virginia	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Wisconsin	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Wyoming	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Total	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100

Table 2.—QUANTITY AND VALUE OF SYNTHETIC RUBBER SHIPPED BY ALL FIRMS IN THE UNITED STATES: 1945 AND 1950

Quantity and value of these products reported not only by establishments classified in the Synthetic Rubber Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments."

Product	1950				1951		
	Total production	Total shipments including inter-plant transfers		Value of transfers to other plants of the same company	Total production	Total shipments including inter-plant transfers	
		Quantity	Value			Quantity	Value
Synthetic chemical rubbers, total <sup>1</sup> .....	xxx	xxx	603,907	150,602	xxx	xxx	40,194
Synthetic chemical rubbers and other synthetic elastomers, vulcanizable:							
Excluding carbon black <sup>2</sup> .....	2,237,208	2,246,887	560,040	149,725	1,285,117	1,328,942	348,617
Including carbon black <sup>3</sup> .....	291,744	269,315	43,867	877	219,841	225,643	43,584

<sup>1</sup> Not applicable.

<sup>2</sup> These data for polyisoprene type and non-vulcanizable elastomers, classified by respondents as plastics materials. Additional information for these rubbers may be found in "Facts for Industry Series," 1951, "Rubber Supply and Distribution for the U. S." and in the annual reports.

<sup>3</sup> Synthetic Organic Chemicals, United States Production and Sales, published by the U. S. Tariff Commission.

<sup>4</sup> Weight includes copolymer, oil, and carbon black.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-28B-3

### INTERMEDIATE AND ORGANIC COLORS INDUSTRY

(Industry Code 2822—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Intermediates and Organic Colors Industry shipped products valued at \$809 million, an increase of 9 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 20 percent from 1954 to 1958 to a total of 155.0 thousand employees in 1958. Value added by manufacture in the industry amounted to \$368 million in 1958, an increase of 1 percent from 1954 when

the previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE INTERMEDIATES AND ORGANIC COLORS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Industry Code 2822—SIC system in use through 1957)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	26.0	32.7	-20
Payroll.....	Million dollars...	155.0	165.5	-6
Production workers:				
Number.....	Thousands.....	17.9	22.3	-20
Man-hours.....	Millions.....	35.4	44.1	-20
Wages.....	Million dollars...	96.8	99.4	-3
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	370.5	362.3	+2
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	368.3	362.9	+1
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	434.6	376.0	+16
Value of shipments <sup>5</sup> .....	..do.....	809.2	742.7	+9
Capital expenditures, new.....	..do.....	72.8	72.1	+1
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	87	76	+14

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Intermediates and Organic Colors Industry includes establishments engaged primarily in the manufacture of intermediates, dyes, color lakes and toners. Important products of this industry include (1) derivatives of benzene, toluene, phenol, aniline, nitro-benzene and other cyclic intermediates; (2) classified and unclassified dyes such as azo and anthraquinone, and food, drug and cosmetic dyes; and (3) lakes and extended colors, toners, or full strength organic colors and reduced toners. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Intermediates and Organic Colors Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Intermediates and Organic Colors Industry amounted to \$209 million. Of this total, \$510 million were products primary to the industry, \$258 million were products primary to other industries, and \$41 million were receipts for miscellaneous activities. The industry shipments of primary products represented 66 percent of the total manufactured

product shipments (primary and secondary). The 1954 ratio was 64 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$786 million of intermediates, dyes, color lakes, and toners were shipped by all producers of these products. Of this total, \$510 million, or 65 percent, were shipped by plants classified in Industry 2822, Intermediates and Organic Colors, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURE

## GENERAL STATISTICS FOR THE INTERMEDIATES AND ORGANIC COLORS INDUSTRY

Region and State <sup>1</sup>	1958									1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, net <sup>5</sup>	No. of establishments with 20 or more employees	All employees, number
	Number	Payroll (\$1,000)	Number	Man-hours	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>	(\$1,000)	(\$1,000)		(\$1,000)
United States	1,300	18,000	17,572	1,400,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000
New England	100	3,400	1,000	90,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Middle Atlantic	1,000	14,600	12,500	1,300,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000
New York	2,000	14,200	12,000	1,300,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000
New Jersey	1,721	16,114	14,170	1,400,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000
Pennsylvania	3,442	19,830	2,770	2,700,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
East South Central	4,990	26,760	3,710	3,700,000	18,400	18,400	18,400	18,400	18,400	18,400	18,400
Ohio	1,780	9,710	1,420	1,400,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
South	5,266	31,820	3,790	7,740,000	21,160	21,160	21,160	21,160	21,160	21,160	21,160
West	250	1,720	1,000	390,000	1,100	1,100	1,100	1,100	1,100	1,100	1,100

<sup>1</sup>States and District of Columbia are shown separately. The figures for the District of Columbia are shown in the "United States" column. The figures for the "United States" column are the sum of the figures for the "United States" column and the figures for the "District of Columbia" column.

<sup>2</sup>Unadjusted figures in the final Census report on this industry.

<sup>3</sup>Adjusted figures are based on the value of shipments, net of material, supplies, fuel, and other items, in the industry.

<sup>4</sup>Value added by manufacture is the sum of the value of products sold, plus the value of the change in finished products and work-in-process inventories between the beginning and end of year.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports from establishments having those with less than 20 employees classified in the industry.

Table 3.—VALUE OF INTERMEDIATES AND ORGANIC COLORS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

In thousands of dollars. Includes value of these products reported not only by establishments classified in the intermediates and organic colors industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments."

Product Code	Product	Shipments including interplant transfers	1958		1954	
			Commercial shipments only	Interplant transfers only	Commercial shipments only	Interplant transfers only
22---	Intermediates and organic colors, total.....	785,604	xxx	xxx	691,312	xxx
222111	Cyclic (coal tar) intermediates.....	528,936	396,146	132,790	400,631	11,123
222221	Cyclic (coal tar) dyes.....	175,293	171,459	3,834	15,894	6,332
222231	Synthetic organic pigments, lakes, and toners.....	80,191	3,512	1,079	18,419	11,182
222200	Intermediates, dyes, color lakes and toners, not specified by kind.....	1,184	1,134	...	...	...

xxx Not applicable.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC (P)-28B-4

### EXPLOSIVES INDUSTRY

(Industry Code 2826--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Explosives Industry shipped products valued at \$228 million, a decrease of 42 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 54 percent from 1954 to 1958 to a total of 15,0 thousand employees in 1958. Value added by manufacture in the industry amounted to \$132 million in 1958, a decrease of 40 percent from 1954 when the previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of ship-

ments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. The general decrease in the activity of the Explosive Industry, as shown in the 1958 and 1954 comparison above, is almost entirely due to the curtailed operations at Government-owned, privately operated plants. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE EXPLOSIVES INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2826)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	15.0	32.5	-54
Payroll.....	Million dollars..	79.6	146.8	-46
Production workers:				
Number.....	Thousands.....	10.6	25.5	-58
Man-hours.....	Millions.....	20.0	51.7	-61
Wages.....	Million dollars..	50.9	110.0	-54
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	130.2	205.4	-37
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	132.0	221.3	-40
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	94.8	189.0	-50
Value of shipments <sup>5</sup> .....	..do.....	228.3	395.3	-42
Capital expenditures, new.....	..do.....	9.2	17.3	-47
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	58	55	+5

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Explosives Industry includes establishments engaged primarily in the manufacture of explosives such as sporting powder, blasting powder, high explosives, nitrated carbohydrates, safety fuses, and blasting and detonating caps. Included in this industry are Government-owned plants operated by private firms for the account of the Federal Government. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Explosives Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Explosives Industry amounted to \$228 million. Of this total, \$162 million were products primary to the industry, \$5 million were products primary to other industries, and \$61 million were receipts for miscellaneous activities including value of explosives, produced in Government-owned plants. The industry shipments of primary products represented 98 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 98 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$170 million of Explosives were shipped by all producers of these products. Of this total, \$162 million, or 96 percent, were shipped by plants classified in Industry 2826, Explosives, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



# 1958 CENSUS OF MANUFACTURES

State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, Unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup> (\$1,000)	Adjusted <sup>6</sup> (\$1,000)					
Alabama	1,287	7,100	10,440	20,800	50,300	13,249	13,100	1,100	1,100	8	30,000	10,000
Arizona	1,100	1,100	1,377	1,100	1,100	42,400	42,400	1,100	1,100	11	1,100	1,100
Arkansas	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
California	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Colorado	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Connecticut	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Delaware	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
District of Columbia	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Florida	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Georgia	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Idaho	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Illinois	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Indiana	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Iowa	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Kansas	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Kentucky	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Louisiana	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Maine	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Maryland	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Massachusetts	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Michigan	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Minnesota	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Mississippi	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Missouri	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Montana	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Nebraska	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Nevada	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
New Hampshire	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
New Jersey	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
New Mexico	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
New York	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
North Carolina	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
North Dakota	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Ohio	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Oklahoma	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Oregon	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Pennsylvania	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Rhode Island	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
South Carolina	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
South Dakota	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Tennessee	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Texas	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Utah	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Vermont	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Virginia	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Washington	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
West Virginia	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Wisconsin	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Wyoming	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100

1. States not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this case, the industry or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publication details are in the State Census report on this industry. This table includes data for Government-owned plants operated by private firms for the Federal Government.

2. Products shipped less cost of materials, supplies, fuel, electricity, and contract work.

3. Includes establishments that produce explosives, but not those that produce explosives for the Federal Government.

4. Includes establishments that produce explosives, but not those that produce explosives for the Federal Government.

5. Includes establishments that produce explosives, but not those that produce explosives for the Federal Government.

6. Includes establishments that produce explosives, but not those that produce explosives for the Federal Government.

Table 3.--QUANTITY AND VALUE OF EXPLOSIVES SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

Includes quantity and value of these products reported not only by establishments classified in the Explosives Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments"

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)
282----	Industrial explosives, total <sup>1</sup> .....	xxx	169,699	xxx	183,680
282011	Industrial explosive:				
282013	Black blasting powder.....	(NA)	1,526	12,205	1,884
282015	Permissible.....	73,401	12,867	71,688	11,217
282027	High explosives, excluding permissible.....	612,760	98,877	642,694	102,096
	Other industrial explosives including shaped charges <sup>2</sup> .....	xxx	4,338	25,364	7,949
282031	Propellants:				
282035	Smokeless powder.....	8,525	7,418	16,987	14,201
	Other propellants, including black gun powder.....	xxx	217	...	1,836
	Blasting accessories:				
	Detonators:				
282043	Blasting caps, electric, delay.....	43,427	11,184	30,448	23,331
282045	Blasting caps, electric, except delay.....	62,052	14,017	96,881	
282047	Blasting caps, except electric.....	69,024	1,301	103,547	
	Fuses:				
282051	Detonating.....	491,956	6,800	521,511	1,376
282051	Safety.....		6,523	xxx	4,424
282051	Other blasting accessories <sup>3</sup> .....		xxx	xxx	xxx
282071	Other explosives <sup>4</sup> .....	xxx	4,631	xxx	8,654

NA Not available.  
 xxx Not applicable.  
<sup>1</sup> The estimated value of explosives produced in Government-owned plants operated by private firms was included with miscellaneous receipts and was excluded from this table. The total value of miscellaneous receipts in the explosives industry was \$213,000,000 in 1954 and \$61,000,000 in 1958.  
<sup>2</sup> Includes liquid oxygen and fuse powder.  
<sup>3</sup> Includes oil well shaped charges, rivets, lead wire, boosters, squibs, etc.  
<sup>4</sup> Includes military detonators, jet starters, fuse and explosive assemblies, etc.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1963

MC(P)-28B-5

### ORGANIC CHEMICALS, N.E.C., INDUSTRY

(Industry Code 2829--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Organic Chemicals, Not Elsewhere Classified, Industry shipped products valued at \$3,158 million, an increase of 41 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 17 percent from 1954 to 1958 to a total of 78.7 thousand employees in 1958. Value added by manufacture in the industry amounted to \$1,695 million in 1958, an increase of 44 percent from 1954 when the previous census was taken.

Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE ORGANIC CHEMICALS, N.E.C. INDUSTRY, IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2829)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	78.7	67.5	+17
Payroll.....	Million dollars...	516.0	364.9	+41
Production workers:				
Number.....	Thousands.....	52.9	46.4	+14
Man-hours.....	Millions.....	106.0	93.1	+14
Wages.....	Million dollars...	316.9	227.4	+39
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	1,695.8	1,171.2	+45
Value added by manufacture, adjusted <sup>2</sup> .....	..do.....	1,695.2	1,177.4	+44
Cost of materials, fuel, electricity, and contract work <sup>3</sup> .....	..do.....	1,464.4	1,057.5	+37
Value of shipments <sup>4</sup> .....	..do.....	3,158.0	2,244.8	+41
Capital expenditures, new.....	..do.....	313.4	194.6	+103
Number of establishments with 20 or more employees <sup>5</sup> .....	Number.....	195	168	+16

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Include value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Organic Chemicals, N.E.C., Industry includes establishments engaged primarily in the manufacture of industrial organic chemicals, n.e.c. Important products of this industry include: (1) noncyclic organic chemicals such as acetic, chloroacetic, adipic, formic, oxalic and tartaric acids and their metallic salts; chloral, formaldehyde and methylamine; (2) solvents such as amyl, butyl, and ethyl alcohols; methanol; ethylene glycol; amyl, butyl, and ethyl acetates; ethyl ether, ethylene glycol ether; and diethylene glycol ether; acetone, carbon disulfide, and carbon tetrachloride; (3) synthetic perfume and flavoring materials such as coumarin, methyl salicylate, saccharin, citral, citronellal, synthetic geraniol, ionone, terpineol, and synthetic vanillin; (4) rubber chemicals such as accelerators and anti-oxidants; (5) plasticizers such as synthetic camphor, phthalates and tricresyl and triphenyl phosphates; (6) synthetic tanning materials; and (7) chemical-warfare gases. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Organic Chemicals, N.E.C., Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Organic

Chemicals, N.E.C., Industry amounted to \$3,158 million. Of this total, \$2,258 million were products primary to the industry, \$821 million were products primary to other industries, and \$79 million were receipts for miscellaneous activities. The industry shipments of primary products represented 73 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 77 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$2,810 million of miscellaneous organic chemicals were shipped by all producers of these products. Of this total, \$2,258 million, or 80 percent, were shipped by plants classified in Industry 2829, Organic Chemicals, N.E.C., while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.





## 1958 CENSUS OF MANUFACTURES

Table 3.--VALUE OF MISCELLANEOUS ORGANIC CHEMICALS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1953 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Organic Chemicals, N.E.C., Industry but also by establishments making items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Value of shipments (\$1,000)					
		1953			1954		
		Shipments including interplant transfers	Commercial shipments only	Interplant transfers only	Shipments including interplant transfers	Commercial shipments only	Interplant transfers only
2829---	Industrial organic chemicals, n.e.c., total.....	2,809,409	xxx	xxx	2,082,231	xxx	xxx
28291--	Ethyl alcohol, industrial (pure natural and synthetic and natural denatured) <sup>1</sup> .....	59,219	(D)	(D)	26,375	18,394	8,481
2829211	Miscellaneous cyclic (coal tar) chemical products <sup>2</sup> .....	142,685	128,884	13,801	85,974	76,582	9,392
2829311	Miscellaneous acyclic chemicals and chemical products <sup>2</sup> .....	2,081,970	1,506,375	575,219	1,569,225	1,133,820	435,405
28294	Synthetic organic chemicals, n.e.c. <sup>2</sup> .....	361,094	324,242	36,851	263,221	233,605	29,616
2829411	Flavor and perfume materials <sup>2</sup> .....	55,900	(D)	(D)	47,615	(D)	(D)
2829451	Rubber processing chemicals <sup>2</sup> .....	97,583	(D)	(D)	61,395	(D)	(D)
2829451	Plasticizers <sup>2</sup> .....	138,362	121,418	16,934	99,459	82,518	16,941
2829471	Bulk surface active agents, other than sulfonated oils and fats and other than detergents (emulsifiers, penetrants, wetting agents, etc.) <sup>2</sup> .....	69,249	68,704	...	54,752	53,847	905
2829511	Pesticides and other organic agricultural chemicals (excluding preparations) <sup>2</sup> .....	92,522	86,836	6,197	96,884	89,492	7,592
28296--	Other industrial organic chemicals, n.e.c. ....	62,177	(NA)	(NA)	40,052	(NA)	(NA)
2829671	Reagent and high purity grades of organic chemicals refined from purchased technical grades.....	4,930	(NA)	(NA)	4,537	(NA)	(NA)
2829611	Flavor oil mixtures and blends.....	12,068	(D)	(D)	5,280	(NA)	(NA)
2829631	Other industrial organic chemicals.....	16,930	(D)	(D)	30,235	(NA)	(NA)
2829651	Natural organic chemicals, n.e.c. ....	13,057	(D)	(D)	( <sup>3</sup> )	(NA)	(NA)
2829661	Enzymes, natural and synthetic.....	12,443	(NA)	(NA)	...	...	...
2829600	Other industrial organic chemicals, not specified by kind.....	2,749	(NA)	(NA)	...	...	...
2829000	Industrial organic chemicals, not specified by kind.....	9,742	(NA)	(NA)	...	...	...

xxx Not applicable.

NA Not available.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>For quantity information refer to the United States Treasury Department, Internal Revenue Service. Excludes shipments reported as rubbing alcohol (primary to Industry 2834 Pharmaceutical Preparations), and as anti-freeze (primary to Industry 2899, Chemical Products, N.E.C.).

<sup>2</sup>Data on quantities produced and quantities and values shipped for many of the synthetic organic chemicals included in this grouping are shown in the United States Tariff Commission's annual report "Synthetic Organic Chemicals, United States Production and Sales."

<sup>3</sup>Data for "Enzymes, synthetic and natural" were not reported separately in 1954 but were included in the total for "Other industrial organic chemicals" and "Natural organic Chemicals, not elsewhere classified."

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-28B-6

### SYNTHETIC FIBERS INDUSTRY

(Industry Code 2825--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Synthetic Fibers Industry shipped products valued at \$1,421 million, an increase of 14 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 1 percent from 1954 to 1958 to a total of 61.5 thousand employees in 1958. Value added by manufacture in the industry amounted to \$335 million in 1958, an increase of 19 percent from 1954 when the previous

census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE SYNTHETIC FIBERS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2825)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	61.5	61.1	+1
Payroll.....	Million dollars..	315.7	261.8	+21
Production workers:				
Number.....	Thousands.....	44.8	45.9	-2
Man-hours.....	Millions.....	88.8	90.0	-1
Wages.....	Million dollars..	203.6	174.4	+17
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	849.9	717.2	+19
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	854.7	698.7	+19
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	571.0	524.8	+9
Value of shipments <sup>5</sup> .....	do.....	1,421.4	1,242.0	+14
Capital expenditures, net.....	do.....	71.3	62.8	+14
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	41	44	-7

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Synthetic Fibers Industry includes establishments engaged primarily in the manufacture of rayon, acetate, nylon, and other synthetic fibers to be used as materials for further manufacturing. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Synthetic Fibers Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Synthetic Fibers Industry amounted to \$1,421 million. Of this total, \$1,324 million were products primary to the industry, \$83 million were products primary to other industries, and \$14 million were receipts for miscellaneous activities. The industry shipments of primary products represented 94 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 96 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total

value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,343 million of synthetic fibers were shipped by all producers of these products. Of this total, \$1,323 million, or 99 percent, were shipped by plants classified in industry 2825, Synthetic Fibers, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 CENSUS OF MANUFACTURES

Table 2.--GENERAL STATISTICS FOR THE SYNTHETIC FIBERS INDUSTRY (S.I.C. CODE 2825), BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup>	Adjusted <sup>3</sup>					
United States, total.....	61,494	315,727	47,804	68,604	203,645	849,910	834,721	1,421,370	71,339	41	61,105	71,422
Northeast and East North Central.....	6,405	29,055	5,151	10,758	22,296	52,273	48,446	103,199	4,268	9	9,501	79,569
South Atlantic.....	38,631	197,244	27,925	55,995	126,394	607,081	599,869	973,892	35,851	23	35,134	473,917
Virginia.....	14,906	78,864	11,044	21,962	52,161	220,119	216,707	379,169	18,233	10	15,669	235,305
East South Central.....	16,458	89,428	11,728	22,451	54,955	190,556	186,406	344,319	31,220	9	16,468	164,693

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--VALUE OF SYNTHETIC FIBERS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Synthetic Fibers Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	1958			1954		
		Total production	Total shipments including interplant transfers		Total production	Total shipments including interplant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)		Quantity (1,000 pounds)	Value (\$1,000)
2825--	Synthetic fibers, total.....	xxx	xxx	1,342,790	xxx	xxx	1,202,343
28251--	Acetate fibers (yarn, staple, and tow) <sup>1</sup> .....	321,350	314,325	210,649	272,849	283,629	195,953
28252--	Rayon fibers, viscose and cuprammonium process (yarn, staple, tow, and waste).....	764,203	773,232	372,321	850,518	875,017	444,778
	Packaged yarn, by denier:						
2825211	45 and finer (47 and under).....					1,664	1,630
2825213	50 (48 to 62).....					9,659	9,717
2825215	75 (63 to 87).....					10,914	13,332
2825217	100 (88 to 112).....					3,211	3,548
2825221	125 (113 to 137).....					83,862	90,618
2825223	150 (138 to 162).....					1,717	1,491
2825225	200 (163 to 237).....					26,524	28,592
2825227	250 and 300 (238 to 374).....					8,415	4,993
2825231	450 (375 to 524).....					(2)	(2)
2825233	600 (525 to 749).....					16,791	16,799
2825235	900 (750 to 999).....					24,129	14,738
2825237	1,100 (1,000 to 1,374).....					323,508	194,040
2825239	1,650 (1,375 and over).....					(2)	(2)
2825241	Staple.....					(2)	(2)
2825243	Tow.....					(2)	(2)
2825245	Waste (including staple waste).....					(2)	(2)
2825247	Other rayon products, n.e.c., including "horsehair," straw, etc.....					(2)	(2)
28253--	Noncellulosic synthetic fibers other than glass fibers (rayon, staple, tow, and waste) <sup>2</sup> .....	507,196	509,241	760,332	290,136	282,696	561,612
28253XX	Filament yarn <sup>3</sup> .....	(NA)	(NA)	(NA)	228,021	218,427	470,137
28253XX	Staple, tow and waste.....	(NA)	(NA)	(NA)	62,115	64,269	91,475

NA Not available.

xxx Not applicable.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Packaged yarn, staple, tow, and other similar acetate products are combined and shown as Product Class Code 28251, "Acetate fibers."

<sup>2</sup>Codes 2825233, 2825241, 2825251, 2825261 and 2825298 are included in Product Class Code 28252, "Rayon fibers."

<sup>3</sup>Includes nontextile monofilaments, such as bristles, sutures, leaders, etc.

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC (P) -28B-7

### PLASTICS MATERIALS INDUSTRY

(Industry Code 2823--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Plastics Materials Industry shipped products valued at \$1,848 million, an increase of 47 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 25 percent from 1954 to 1958 to a total of 51.5 thousand employees in 1958. Value added by manufacture in the industry amounted to \$869 million in 1958, an increase of 48 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE PLASTICS MATERIALS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2823)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	51.5	41.1	+25
Payroll.....	Million dollars...	309.8	201.5	+54
Production workers:				
Number.....	Thousands.....	35.7	28.4	+26
Man-hours.....	Millions.....	74.1	57.4	+29
Wages.....	Million dollars...	190.9	122.2	+56
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	867.0	583.2	+49
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	868.9	585.8	+48
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	977.5	668.4	+46
Value of shipments <sup>5</sup> .....	do.....	1,847.5	1,254.5	+47
Capital expenditures, new.....	do.....	142.2	108.1	+32
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	195	127	+54

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resale for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Plastics Materials Industry includes establishments engaged primarily in the manufacture of plastics materials in the form of sheets, rods, tubes, granules, powders, or liquids for use in further manufacture. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Plastics Materials Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Plastics Materials Industry amounted to \$1,848 million. Of this total, \$1,565 million were products primary to the industry, \$250 million were products primary to other industries, and \$33 million were receipts for miscellaneous activities. The industry shipments of primary products represented 86 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 90 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$2,219 million of plastics materials were shipped by all producers of these products. Of this total, \$1,565 million, or 71 percent, were shipped by plants classified in Industry 2823, Plastics Materials, while the remainder was shipped by plants classified in other industries.

### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



See footnotes at end of table.

Table 3.—QUANTITY AND VALUE OF PLASTICS MATERIALS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954—Continued

Product code	Product	1958			1954		
		Total production	Total shipments including interplant transfers		Total production	Total shipments including interplant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)		Quantity (1,000 pounds)	Value (\$1,000)
	Plastics materials--Continued						
28234--	Vinyl and polyethylene unsupported film and sheeting (excluding floor and wall covering) (including fillers, plasticizers, and extenders) <sup>2</sup> .....	xxx	xxx	271,314	xxx	xxx	169,067
39715--	Made in plants which produce resins.....	xxx	xxx	51,543			
39715--	Made in plants which purchase resins.....	xxx	xxx	219,771			
	Vinyl and vinyl copolymer:						
2823411	Under 3.0 mils.....	(NA)	(NA)	35,319	27,116	26,955	22,175
3971511							
2823413	3.0 to 3.9 mils.....	26,617	(NA)	15,389	35,633	35,835	19,122
3971513							
2823415	4.0 to 5.9 mils.....	34,094	(NA)	18,566	43,007	42,986	21,446
3971515							
2823417	6.0 to 9.9 mils.....	24,210	(NA)	12,081	15,495	15,937	9,397
3971531							
2823421	10.0 to 14.9 mils.....	81,989	(NA)	37,479	50,031	48,055	27,378
3971535							
2823423	15.0 to 19.9 mils.....	36,666	(NA)	13,763	33,509	33,339	16,367
3971541							
2823425	20.0 mils and over.....	(NA)	(NA)	7,110	20,855	20,475	15,327
3971545							
	Polyethylene:						
2823452	Under 1 mil.....	16,113	15,588	8,082	47,024	46,196	31,859
3971561							
2823454	1.0 to 1.4 mils.....	59,802	60,164	31,698			
3971563							
2823456	1.5 to 2.9 mils.....	53,170	53,052	28,167	9,029	8,936	5,943
3971565							
2823458	3.0 to 9.9 mils.....	49,388	49,415	26,728			
3971567							
2823459	10.0 mils and over.....	3,302	3,262	1,841			
3971569							
2823400	Vinyl, vinyl copolymer, and polyethylene unsupported film and sheeting (excluding floor, wall and counter covering), not specified by kind.....	xxx	xxx	35,091	xxx	xxx	93
3971500							
28235--	Synthetic resins (excluding resins for protective coatings).....	xxx	xxx	1,163,430	xxx	xxx	765,193
	Phenolic and other tar acid resins (including mixtures): <sup>3</sup>						
	Bonding and adhesive resins for--						
2823513	Laminating, including plywood.....	136,031	133,633	27,835	71,746	71,821	18,933
2823514	Other uses.....	121,037	113,239	31,659	67,086	67,204	14,904
2823517	Molding materials.....	230,635	214,186	70,930	184,372	183,482	38,073
2823518	Other uses (including casting but excluding protective coatings).....	86,031	86,295	47,286	76,544	76,741	22,001
	Urea and melamine resins (including dimethylol urea): <sup>3</sup>						
2823523	Textile and paper treating resins.....	79,789	81,191	23,306	60,602	61,718	12,206
2823525	Laminating resins, including plywood.....	114,582	103,968	21,677	(4)	(4)	(4)
2823526	Other bonding and adhesive resins.....	132,746	125,914	38,212	90,585	90,033	15,808
2823527	Molding materials.....				(4)	(4)	(4)
2823529	Other uses excluding protective coatings.....				4102,935	4103,562	436,533
	Vinyl and vinyl copolymer resins (50 percent or more polyvinyl chloride): <sup>3</sup>						
2823531	Safety glass sheeting.....	99,244	85,228	38,146	(6)	(6)	(6)
2823532	For flooring.....	43,007	44,206	10,665	125,838	121,663	47,806
2823533	For sheeting, except floor and wall covering.....	48,749	41,484	9,785			
2823534	Textile coating resins.....	18,103	18,207	5,173			
2823536	Paper coating resins.....	7,537	7,521	2,162	22,086	18,832	8,248
2823537	Adhesive.....	28,831	28,035	13,125	32,955	28,869	11,515
2823541	Molding and extrusion material.....	101,982	100,228	26,150	162,432	151,663	56,924
2823543	Other uses, excluding protective coatings.....	407,748	325,380	94,285	6204,925	6197,836	696,979
	Styrene and polystyrene resins: <sup>3</sup>						
2823551	Molding materials, except for extruded sheets.....	544,086	465,286	126,564	323,663	316,673	102,356
2823557	Extruded sheets.....	70,311	72,105	25,338	xxx	xxx	(7)
2823558	Ion exchange resins for water treating.....						
2823559	Other uses, excluding protective coatings.....						
	Polyethylene resins, except film and sheeting--						
	Molding and extrusion resins: <sup>3</sup>						
2823585	High density (Ziegler, Phillips and similar processes).....	841,894	829,816	277,031	84,914	84,217	35,158
2823587	Low density (other processes).....						
2823573	Textile foil, cellophane, paper, etc., treating and coating resins.....						
2823574	Other uses, excluding protective coatings and monofilaments.....	125,394	121,364	35,096			
2823576	Polyester resins.....	87,977	89,844	32,208	(8)	(8)	(8)
2823577	Epoxy resins.....	228,473	219,876	95,537	(8)	(8)	(8)
2823578	Acrylic resins.....				(8)	(8)	(8)
	Other synthetic resins, benzenoid and nonbenzenoid, not listed above (excluding synthetic rubbers):						
2823591	Molding materials.....	122,850	127,996	27,842	xxx	xxx	899,803
2823592	Other uses, excluding protective coatings.....	201,358	196,267	71,544	xxx	xxx	7,8145,870
2823500	Synthetic resins (excluding resins for protective coatings), not specified by kind.....	xxx	xxx	11,874	xxx	xxx	2,076

See footnotes at end of table.

Table 3.—QUANTITY AND VALUE OF PLASTICS MATERIALS SHIPPED BY ALL FIRMS IN THE UNITED STATES.

Product code	Product	1958			1954		
		Total production (1,000 pounds)	Total shipments including interplant transfers		Total production (1,000 pounds)	Total shipments including interplant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)		Quantity (1,000 pounds)	Value (\$1,000)
28236--	Plastics materials—Continued						
2823611	Plastics and resin materials, n.e.c.	xxx	xxx	335,898	xxx	xxx	417,144
2823611	Casein plastics:						
2823611	For adhesives	12,072	11,274	4,890	21,571	21,393	7,393
2823621	For other uses	xxx	xxx	86,346	xxx	xxx	9,000
2823625	Custom compounding of purchased resins	xxx	xxx	3,095	xxx	xxx	9,000
2823631	Cellulose and other plastic film from scrap	885,620	809,391	190,966	xxx	xxx	158,200
2823698	Protective coatings (alkyd and other synthetic resins)						
	Other plastics and resin materials, n.e.c., excluding photographic film, monofilaments, rayon, acetate or nitro-explosives	169,111	168,133	43,143	xxx	xxx	953,981
2823600	Plastics materials, n.e.c., not specified by kind	xxx	xxx	7,458	xxx	xxx	...
2823000	Plastic materials, not specified by kind	xxx	xxx	7,804	xxx	xxx	680

NA Not available.

xxx Not applicable.

Excludes varnish, lacquer, and dope materials as well as regenerated cellulosic products.

Includes amounts manufactured in establishments which purchase resins as well as plants which produce resins; also includes unspecified amounts made from reprocessed materials.

Quantities reported on a "dry basis," defined as the total weight of the material including resins, plasticizers, fillers, extenders, colors, and stabilizers, and excluding the weight of water, solvents, and other liquid diluents. It is known, however, that some quantities were reported on a gross basis, including the weight of water, solvents, and other diluents.

Codes 2823525 and 2823527 combined with code 2823529, "Urea and melamine resins, other uses."

Quantities reported on a resin basis except for safety glass sheeting, data for which are reported on "dry basis."

Code 2823531 combined with code 2823543, "Vinyl and vinyl copolymer resins, other uses."

Codes 2823558 and 2823559 combined with code 2823592, "Other synthetic resins."

Codes 2823576, 2823577, and 2823578 in 1954 included with codes 2823591 and 2823592.

Codes 2823621 and 2823625 in 1954 combined with code 2823698, "Other plastics and resin materials, n.e.c."

**1958 CENSUS OF MANUFACTURES**  
**PUBLICATION PROGRAM**

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

**Final Industry Reports**

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

**Final Area Reports**

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

**Final Subject Reports**

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

**VOLUME I—SUMMARY STATISTICS**

**VOLUME II—INDUSTRY STATISTICS**

**VOLUME III—AREA STATISTICS**

**Bureau of the Census**

WASHINGTON 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC (P) -28C-1

### MEDICINAL CHEMICALS, INCLUDING BOTANICALS, INDUSTRY

(Industry Code 2833--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Medicinal Chemicals, Including Botanicals, Industry shipped products valued at \$321 million, an increase of 14 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 11 percent from 1954 to 1958 to a total of 10.2 thousand employees in 1958. Value added by manufacture in the industry amounted to \$175 million in 1958, an increase of 22 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE MEDICINAL CHEMICALS, INCLUDING BOTANICALS, INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2833)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	10.2	11.5	-11
Payroll.....	Million dollars...	62.9	56.9	+10
Production workers:				
Number.....	Thousands.....	6.6	7.7	-14
Man-hours.....	Millions.....	13.8	16.2	-15
Wages.....	Million dollars...	35.2	33.3	+5
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	168.0	138.9	+21
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	175.4	143.3	+22
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	148.5	138.1	+7
Value of shipments <sup>5</sup> .....	..do.....	321.4	281.0	+14
Capital expenditures, new.....	..do.....	33.8	12.9	+162
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	49	40	+22

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Medicinal Chemicals, Including Botanicals, Industry includes establishments engaged primarily in the manufacture of bulk organic and inorganic chemicals and their derivatives; and processing (grading, grinding, and milling) bulk botanical drugs and herbs. Establishments primarily engaged in manufacturing agar-agar and similar products of natural origin, endocrine products, manufacturing or isolating basic vitamins, and isolating active medicinal principles such as alkaloids from botanical drugs and herbs are also included in this industry. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Medicinal Chemicals, Including Botanicals, Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Medicinal Chemicals, Including Botanicals, Industry amounted to \$321 million. Of this total, \$213 million were products primary to the industry, \$84 million were products primary to other industries, and \$25

million were receipts for miscellaneous activities. The industry shipments of primary products represented 72 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 69 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$389 million of medicinal chemicals, including botanicals were shipped by all producers of these products. Of this total, \$213 million, or 55 percent, were shipped by plants classified in Industry 2833, Medicinal Chemicals, Including Botanicals, while The remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

\*Includes value of these products reported not only by establishments classified in the Medicinal Chemicals, Including Botanicals, Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

\*Revised.  
 XXX Not applicable.  
<sup>1</sup>Codes 2833211 and 2833214 combined with 2833218 in 1958.  
<sup>2</sup>Code 2833227 and 2833229 included in code 2833298 in 1954.





# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-280-2

### BIOLOGICAL PRODUCTS INDUSTRY

(Industry Code 2831--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Biological Products Industry shipped products valued at \$64 million, a decrease of 4 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 7 percent from 1954 to 1958 to a total of 3.7 thousand employees in 1958. Value added by manufacture in the industry amounted to \$39 million in 1958, a decrease of 1 percent from 1954 when the previous census was

taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

TABLE 1.--GENERAL STATISTICS FOR THE BIOLOGICAL PRODUCTS INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
Standard Industrial Classification Code 2831

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	3.7	4.0	-7
Payroll.....	Million dollars..	16.2	15.8	+2
Production workers:				
Number.....	Thousands.....	2.6	2.9	-10
Man-hours.....	Millions.....	5.1	5.7	-10
Wages.....	Million dollars..	9.7	9.3	+4
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	36.5	36.7	-1
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	38.9	39.4	-1
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	24.9	28.6	-13
Value of shipments.....	..do.....	63.8	60.6	+4
Capital expenditures, new.....	..do.....	4.6	2.5	+84
Number of establishments with 20 or more employees <sup>5</sup> .....	Number.....	35	43	-19

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Biological Products Industry includes establishments engaged primarily in the production of bacterial and virus vaccines, toxoids and analogous products (such as allergenic extracts), serums, plasmas, and other blood derivatives for human or veterinary use. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Biological Products Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Biological Products Industry amounted to \$64 million. Of this total, \$49 million were products primary to the industry, \$6 million were products primary to other industries, and \$9 million were resales and receipts for miscellaneous activities. The industry shipments of primary products represented 89 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 86 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$119 million of biological products were shipped by all producers of these products. Of this total, \$49 million, or 41 percent, were shipped by plants classified in Industry 2831, Biological Products, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

# 1958 CENSUS OF MANUFACTURES

Table 1.--GENERAL STATISTICS FOR THE BIOLOGICAL PRODUCTS INDUSTRY (SIC CODE 283), BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	3,644	16,161	2,569	10,054	9,674	30,542	38,854	63,844	4,602	35	3,341	36,680
Northeast.....	351	1,445	259	507	854	2,671	2,899	4,285	317	1	803	7,271
New York.....	131	553	85	152	256	1,175	1,175	1,907	21	1	78	911
New Jersey.....	33	133	30	76	123	383	325	529	6	...	131	1,111
East North Central.....	1,373	6,404	948	1,972	4,199	16,953	16,278	25,476	2,999	10	1,110	14,429
Indiana.....	570	2,314	347	746	1,441	10,669	10,336	13,958	(D)	3	405	5,011
Illinois.....	165	749	126	263	54	1,359	1,468	3,599	61	2	115	886
West North Central.....	981	4,435	627	1,238	2,311	9,010	11,158	21,436	644	10	957	9,299
Nebraska.....	250	1,161	171	269	522	2,011	2,100	4,290	187	2	188	1,880
Kansas.....	138	603	103	205	367	1,478	1,608	3,066	39	2	206	1,319
South.....	577	1,909	468	787	1,211	3,987	4,196	6,208	324	5	246	1,751
West.....	412	1,998	267	570	1,099	3,921	4,323	6,439	318	5	1,044	8,725
California.....	304	1,441	187	391	787	3,095	3,453	4,946	224	3	96	8,201

<sup>1</sup> D Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

<sup>3</sup> Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>4</sup> Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>5</sup> For explanation see text under "Value of shipments."

<sup>6</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--VALUE OF BIOLOGICAL PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes value of these products reported not only by establishments classified in the Biological Products Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Value of shipments including interplant transfers (\$1,000)	
		1958	1954
2831---	Biological products, total.....	119,480	179,009
2831021	For animal use:		
2831025	Poultry.....	6,193	36,021
2831027	Livestock, excluding poultry.....	22,549	
	Pets and small animals.....	5,978	
2831031	For human use including normal blood derivatives, whole blood, toxins, vaccines, allergenic extracts, viruses, etc., total.....	75,806	38,387
2831032	Bacteriological materials including culture media.....	7,317	3,786
2831000	Biological products, not specified by kind.....	1,637	1,716

<sup>1</sup> Includes interplant transfers which amount to less than 5 percent of total and less than 10 percent for any one product and excludes biologicals manufactured by State Health Agencies.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MO(P)-28C-3

### PHARMACEUTICAL PREPARATIONS INDUSTRY

(Industry Code 2834--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Pharmaceutical Preparations Industry shipped products valued at \$2,587 million, an increase of 52 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 7 percent from 1954 to 1958 to a total of 81.7 thousand employees in 1958. Value added by manufacture in the industry amounted to \$1,884 million in 1958, an increase of 59 percent from 1954 when

the previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE PHARMACEUTICAL PREPARATIONS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2834)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	81.7	76.6	+7
Payroll.....	Million dollars...	465.2	353.8	+31
Production workers:				
Number.....	Thousands.....	45.4	47.3	-4
Man-hours.....	Millions.....	91.7	95.1	-4
Wages.....	Million dollars...	204.5	173.3	+18
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	1,861.0	1,161.0	+60
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	1,883.6	1,182.2	+59
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	696.7	527.1	+35
Value of shipments <sup>5</sup> .....	..do.....	2,587.1	1,700.5	+52
Capital expenditures, new.....	..do.....	66.0	40.3	+64
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	316	316	...

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Pharmaceutical Preparations Industry includes establishments engaged primarily in the manufacture of drugs in pharmaceutical preparations such as ampules, tablets, capsules, ointments, medicinal powders, solutions, and suspensions, for human and veterinary use. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Pharmaceutical Preparations Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Pharmaceutical Preparations Industry amounted to \$2,587 million. Of this total, \$2,211 million were products primary to the industry, \$310 million were products primary to other industries, and \$66 million were resales and receipts for miscellaneous activities. The industry shipments of primary products represented 88 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 91 percent.

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$2,349 million of pharmaceutical preparations were shipped by all producers of these products. Of this total, \$2,211 million, or 94 percent, were shipped by plants classified in Industry 2834, Pharmaceutical Preparations, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

Table 1.—GENERAL STATISTICS FOR THE PHARMACEUTICAL PREPARATIONS INDUSTRY, U. S. C. S. S. 4 BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958								1954			
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup> (\$1,000)	Adjusted <sup>6</sup> (\$1,000)					
United States, total.....	17,777	12,000	12,000	1,000	1,000	1,000	1,000	2,000,000	1,000	1,000	1,000	1,000
Northeast.....	3,100	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
New York.....	12,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
New Jersey.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
East North Central.....	10,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
Ohio.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
Indiana.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
Illinois.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
Michigan.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
Wisconsin.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
West North Central.....	3,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
Iowa.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
Missouri.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
Nebraska.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
South Atlantic.....	2,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
North Carolina.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
East South Central.....	2,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
Tennessee.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
Mississippi.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
West South Central.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
Louisiana.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
Texas.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
West.....	3,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
Colorado.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
Washington.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000
California.....	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000

D Withheld to avoid disclosing figures for individual companies.

Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or adjacent industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.<sup>3</sup>United value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.<sup>4</sup>For explanation see text under "Value of shipments."<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—VALUE OF PHARMACEUTICAL PREPARATIONS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Pharmaceutical Preparations Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Value of shipments including interplant transfers (\$1,000)	
		1958 <sup>1</sup>	1954 <sup>1</sup>
2834---	Pharmaceutical preparations, total.....	2,348,840	1,584,692
28341--	Pharmaceutical preparations for animal use.....	87,759	85,774
2834111	For poultry.....	37,390	27,444
	For livestock, excluding poultry:		
2834122	Products intended for use by veterinarians only.....	19,349	
2834125	Other.....	14,319	*47,844
	For pets and small animals:		
2834132	Products intended for use by veterinarians only.....	7,280	
2834135	Other.....	7,016	*7,671
2834100	Pharmaceutical preparations for animal use, not specified by kind.....	2,405	2,815
28342--	Antibiotic preparations for human use.....	361,939	252,892
	Broad and medium spectrum (single or in combinations with other antibiotics, except penicillin combinations):		
2834212	Parenteral.....	33,095	
2834214	Oral forms.....	191,181	(?)
2834216	Other forms.....	16,199	
2834222	Antibiotics in combination with sulfa drugs; all forms.....	5,823	
	Penicillin (single and in combinations with mycins):		
2834232	Parenteral.....	34,671	42,727
2834234	Oral forms.....	35,931	32,637
2834236	Other forms.....	827	1,342
2834242	Streptomycin and/or dihydrostreptomycin (all forms and combination)	6,398	12,767
	All other antibiotic preparations:		
2834252	Parenteral.....	997	310,945
2834254	Oral forms.....	9,964	3135,347
2834256	Other forms.....	23,754	316,634
2834200	Antibiotic preparations for human use, not specified by kind.....	3,099	493
28343--	Cough and cold products (excluding analgesics and antihistamines) for human use.....	137,774	64,556
2834311	Solid oral cough products (lozenges, gums and pastilles) to retail at over 10¢ per package.....	17,257	11,895
	Cough syrups, elixirs and expectorants (including narcotic preparations):		
2834322	Containing antihistamines.....	19,949	
2834325	Not containing antihistamines.....	26,216	22,226
	Oral cold products (including antihistamine combinations, analgesic combinations, and/or bioclavoid combinations but excluding plain antihistamines, plain analgesics and/or antibiotic combinations)		
2834331	Salves and ointments.....	33,101	12,743
2834335	Nasal vasoconstrictors, including inhaler tubes (excluding plain and combination antihistamine products, antibiotic, sulfa, antihistamines and/or hormone combinations).....	615,922	12,632
2834398	All other cough and cold products.....	21,915	3,723
2834300	Cough and cold products, not specified by kind.....	3,414	1,337
28344--	Laxatives, cathartics, antacids and other gastro-intestinal medications.....	159,112	123,368
	Antacids (including products commonly used for their buffering demulcent, acid neutralizing and coating functions, but excluding effervescent salicylate products classified as analgesics) single and in combination:		
2834412	Oral solids.....	22,624	27,076
2834414	Oral liquids.....	32,576	*17,919
2834416	Other forms.....	2,512	1,662
	Laxatives, cathartics, purgatives and aperients:		
2834432	Milk of magnesia, liquid and tablets.....	(6)	11,892
2834441	Mineral oils and emulsions.....	9,971	11,166
2834451	Saline preparations (excluding milk of magnesia).....	6,707	8,426
2834462	Bulk type laxatives (all forms, single and in combination).....	7,346	6,278
2834472	Vegetable (glycoside) laxatives (all forms).....	8,958	(?)
2834478	All others (all forms, including prepackaged enema preparations).....	*37,782	730,441
2834481	Stomach and ulcer preparations, other than antacids, and analgesics (including anticholinergics and antispasmodics in combinations with narcotics, antibiotics, and sulfa).....	15,250	*6,683
2834498	All other gastro-intestinal medications.....	13,900	(NA)
2834400	Laxatives, cathartics, antacids and other gastro-intestinal medications, not specified by kind.....	1,486	1,825
28345--	Vitamins for human use.....	300,147	*215,074
2834511	Parenteral preparations.....	21,991	12,543
2834521	Oral solids.....	177,542	*127,081
2834531	Oral liquids.....	72,380	*65,741
2834541	Other forms.....	24,651	6,174
2834500	Vitamins for human use, not specified by kind.....	3,583	3,535
28346--	All other pharmaceutical preparations for human use.....	1,284,907	*830,177
	Anesthetics:		
2834601	General (including ether, and other gases plus parenteral).....	3,580	
2834605	Local and topical.....	12,040	*15,111
	External Analgesics and counter-irritants:		
2834612	Ointments, jellies, pastes, creams, cerates, and salves.....	23,602	21,237
2834613	Liquids (excluding rubbing alcohol but including liniments).....	16,496	*13,365
2834615	Rubbing alcohol.....	4,295	9,992
2834616	Other external analgesics (including irritant and counter-irritant plasters).....	1,953	1,624

See footnotes at end of table.



Table 1.—VALUE OF PHARMACEUTICAL PREPARATIONS SHIPPED BY ALL SPEC CODES IN THE NINETEEN FIFTIES: 1958 AND 1954\*

Product code	Product	Value of shipments including interplant transfers (\$1,000)	
		1958 <sup>b</sup>	1954
	Pharmaceutical preparations—Continued		
	All other pharmaceutical preparations for human use—Continued		
	Internal analgesics, excluding narcotics and hypnotics:		
2834617	Aspirin (acetylsalicylic acid).....	21,749	17,400
2834618	Aspirin compounds, non-effervescent.....	80,779	71,885
2834619	Other internal analgesics (including eff. eff. type).....	1,091	1,001
	Antihistamines:		
2834621	Oral solids (excluding solid product combinations) <sup>4</sup> .....	1,119	1,000
2834622	Oral liquids (excluding cough syrups, mixtures and expectorants).....	2,549	1,869
2834623	Other forms.....	3,933	1,114
	Antiseptics, fungicides, germicides, external (including feminine hygiene products (excluding antibiotics, mouth washes, and disinfectants):		
2834629	Ointments, jellies, pastes, creams, combs, and salves.....	33,437	24,111
2834629	Liquids (including mercurial and iodine preparations).....	70,743	58,887
2834630	All other forms.....	4,630	1,696
2834631	Anti-obesity preparations.....	29,852	11,889
2834632	Central nervous system stimulants (all forms excluding products intended specifically for appetite depression action).....	6,024	1,000
	Hematinics (excluding vitamin B-12):		
2834637	Oral solids.....	17,445	1,988
2834638	Other forms.....	11,649	9,560
	Hormone preparations, natural and synthetic:		
	Cortical hormones in combination with other active agents:		
2834641	Parenteral.....	611	1,000
2834642	Oral forms.....	5,959	1,000
2834643	Topical.....	16,990	1,000
2834644	Other forms.....	1,803	1,000
2834645	Insulin.....	11	1,925
2834646	Sex hormones (androgens and/or estrogens).....	16,567	21,770
2834647	Cortical hormones, including ACTH without other active agents.....	62,879	18,411
2834648	Thyroid and thyroid combinations.....	5,442	3,613
2834649	Other hormonal products including progesterone.....	11,385	3,301
	Hypnotics and sedatives:		
	Barbiturates in preparation without other active agents:		
2834651	Parenteral.....	7,001	1,343
2834652	Oral solids.....	14,767	1,333
2834653	Other forms.....	4,164	4,009
	Barbiturates in preparations containing other active agents:		
2834655	Oral solids.....	10,956	11,650
2834657	Other forms.....	2,639	3,543
2834659	All other hypnotics and sedatives (except barbiturates and narcotics).....	6,699	4,770
	Internal analgesics, narcotic (excluding cough and cold items, gastro-intestinal preparations) single and in combination:		
2834662	Parenteral.....	11,109	8,194
2834665	Oral forms.....	15,195	19,788
2834668	Other forms.....	2,917	1,000
	Sulfonamides in preparation with or without other active agents (excluding combinations with antibiotics):		
2834671	Oral solids.....	21,765	14,321
2834672	Oral liquids.....	9,357	1,338
2834673	Other forms.....	5,327	2,032
	Tonics and alternatives:		
2834681	Tablets, pills, lozenges and other solid forms (including yeast tablets).....	9,921	9,017
2834683	Liquids.....	9,978	14,842
	Tranquilizers, excluding preparations containing rauwolfia:		
2834684	Oral forms.....	126,615	NA
2834685	All other forms.....	1,974	NA
2834686	Hypotensives (including rauwolfia preparations, nitrates, vasodilators, etc.).....	5,247	NA
2834688	Diagnostic aids (excluding biologicals such as antigen, blood grouping sera, etc.).....	9,339	NA
	Other pharmaceutical preparations for human use:		
2834691	Parenteral.....	1,771	63,809
2834692	Oral solids.....	17,074	18,874
2834694	Oral liquids.....	27,062	26,164
2834698	Other forms.....	9,815	10,113
2834600	All other pharmaceutical preparations for human use, not specified by kind.....	1,18	1,694
2834600	Pharmaceutical preparations, not specified by kind.....	17,202	18,851

\*Revised. Codes 2834122 and 2834125 in final report may be further revised based upon additional checking of reporting between 1954 and 1958.

<sup>b</sup> Withheld to avoid disclosing figures for individual companies.

NA Not available.

<sup>4</sup> Separate shipment figures for ethical and proprietary preparations are not shown in this advanced release because of the lack of comparability of the 1958 preliminary figures with the figures for 1954. Further review of the data reported for the ethical and proprietary categories, may permit showing separate data in the final Census report for the Pharmaceutical Preparations Industry.<sup>5</sup> Includes data for tablets, pills, capsules, lozenges, and other solid forms. Oral liquids are also included unless shown separately.<sup>6</sup> Data for "Broad and medium spectrum antibiotic preparations" included in figures for "All other antibiotic preparations" by respective forms.<sup>7</sup> Cough drops selling at retail for 10¢ or less per package are coded as primary to Industry 20/1, "Confectionary products." The 1958 total for the product is \$22,545 thousand compared with the 1954 figure of \$15,500 thousand.<sup>8</sup> Inhaler tubes are included with "All other cough and cold products" code 2834361 in 1954.<sup>9</sup> Code 2834432 included in code 2834478.<sup>10</sup> Code 2834472 included in code 2834478.<sup>11</sup> Excludes topical preparations and gases.<sup>12</sup> Also see "Mouthwashes, gargles and rinses," code 2893371, Industry 2893, Toilet Preparations. The 1958 total for code 2893371 is \$21,941 thousand compared with the 1954 figures of \$6,177 thousand.<sup>13</sup> Data for "Cortical hormones in combination with other active agents" included in figures for "Cortical hormones, including ACTH without other active agents."<sup>14</sup> Code 2834645 included in code 2834649.

**1958 CENSUS OF MANUFACTURES  
PUBLICATION PROGRAM**

Following publication of preliminary reports, the results of  
the 1958 Census of Manufactures will be issued as follows:

**Final Industry Reports**

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

**Final Area Reports**

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

**Final Subject Reports**

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound  
volumes of the 1958 Census of Manufactures.

**VOLUME I—SUMMARY STATISTICS**

**VOLUME II—INDUSTRY STATISTICS**

**VOLUME III—AREA STATISTICS**

**Bureau of the Census  
WASHINGTON 25, D. C.**

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1958

MC(P)-28D-1

### SULFONATED OILS AND ASSISTANTS INDUSTRY

(Industry Code 2843—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Sulfonated Oils and Assistants Industry shipped products valued at \$62 million, a decrease of 9 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 25 percent from 1954 to 1958 to a total of 1.8 thousand employees in 1958. Value added by manufacture in the industry amounted to \$26 million in 1958, a decrease of 16 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE SULFONATED OILS AND ASSISTANTS INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code - 2843)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	1.8	2.4	-25
Payroll.....	Million dollars...	11.9	13.0	-8
Production workers:				
Number.....	Thousands.....	1.1	1.4	-21
Man-hours.....	Millions.....	2.2	2.5	-12
Wages.....	Million dollars...	5.0	4.7	+6
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	25.3	28.3	-11
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	25.8	30.6	-16
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	35.8	38.8	-8
Value of shipments.....	..do.....	62.1	68.2	-9
Capital expenditures, new.....	..do.....	1.1	1.0	+31
Number of establishments with 20 or more employees <sup>5</sup> .....	Number.....	28	31	-10

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Included cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resale for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Sulfonated Oils and Assistants Industry includes establishments engaged primarily in producing sulfonated oils and fats and related products such as tanning assistants, softeners, and soluble oils and greases. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in Sulfonated Oils and Assistants Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Sulfonated Oils and Assistants Industry amounted to \$62 million. Of this total, \$46 million were products primary to the industry, \$11 million were products primary to other industries, and \$5 million were receipts for miscellaneous activities. The industry shipments of primary products represented 80 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 74 percent.

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$70 million of sulfonated oils and assistants were shipped by all producers of these products. Of this total, \$46 million, or 65 percent, were shipped by plants classified in Industry 2843, Sulfonated Oils and Assistants, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.



## 1958 CENSUS OF MANUFACTURES

3

GENERAL STATISTICS FOR THE SULFONATED OILS AND ASSISTANTS INDUSTRY (S.I.C. CODE 2843) BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>3</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>4</sup>	Adjusted <sup>5</sup>					
United States, total.....	1,770	1,887	1,000	2,211	1,211	2,258	2,821	10,100	1,283	27	2,007	23,127
New England.....	200	2,410	100	700	418	1,000	1,400	2,110	100	4	211	2,000
Maine.....	10	1,000	10	100	100	1,000	1,000	1,000	100	1	100	1,000
New Hampshire.....	10	1,000	10	100	100	1,000	1,000	1,000	100	1	100	1,000
Rhode Island.....	10	1,000	10	100	100	1,000	1,000	1,000	100	1	100	1,000
Middle Atlantic.....	200	2,410	100	700	418	1,000	1,400	2,110	100	4	211	2,000
New York.....	100	1,000	100	1,000	1,000	1,000	1,000	1,000	100	1	100	1,000
Pennsylvania.....	100	1,000	100	1,000	1,000	1,000	1,000	1,000	100	1	100	1,000
South Atlantic.....	200	2,410	100	700	418	1,000	1,400	2,110	100	4	211	2,000
Florida.....	100	1,000	100	1,000	1,000	1,000	1,000	1,000	100	1	100	1,000
Georgia.....	100	1,000	100	1,000	1,000	1,000	1,000	1,000	100	1	100	1,000
West South Central.....	200	2,410	100	700	418	1,000	1,400	2,110	100	4	211	2,000
Texas.....	100	1,000	100	1,000	1,000	1,000	1,000	1,000	100	1	100	1,000
Louisiana.....	100	1,000	100	1,000	1,000	1,000	1,000	1,000	100	1	100	1,000
South West.....	200	2,410	100	700	418	1,000	1,400	2,110	100	4	211	2,000
California.....	100	1,000	100	1,000	1,000	1,000	1,000	1,000	100	1	100	1,000
Arizona.....	100	1,000	100	1,000	1,000	1,000	1,000	1,000	100	1	100	1,000

<sup>1</sup> Regions and States are defined as in the 1950 Census of Manufactures. For the United States, the total is the sum of the figures for the 48 States and the District of Columbia. For the 48 States, the total is the sum of the figures for the 48 States. For the District of Columbia, the total is the figure for the District of Columbia.

<sup>2</sup> Value of shipments includes value of finished goods, work in process, and materials. It does not include value of services, repairs, and maintenance. It is based on the value of shipments reported by establishments in the 1958 Census of Manufactures.

<sup>3</sup> Value added by manufacture is the value of the products produced by the establishments in the industry, plus the value of the change in inventory of work in process and finished goods. It is based on the value added by manufacture reported by establishments in the 1958 Census of Manufactures.

<sup>4</sup> Unadjusted value added by manufacture is the value of the products produced by the establishments in the industry, plus the value of the change in inventory of work in process and finished goods. It is based on the value added by manufacture reported by establishments in the 1958 Census of Manufactures.

<sup>5</sup> Adjusted value added by manufacture is the value of the products produced by the establishments in the industry, plus the value of the change in inventory of work in process and finished goods. It is based on the value added by manufacture reported by establishments in the 1958 Census of Manufactures.

Table 1.—QUANTITY AND VALUE OF SULFONATED OILS AND ASSISTANTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

<sup>1</sup> Includes quantity and value of shipments reported not only by establishments classified in the Sulfonated Oils and Assistants Industry but also by establishments making these items as secondary products in other industries. See text under "Value of shipments."

Product code	Description	1958		1954	
		Total production	Total shipments including interplant transfers	Total production	Total shipments including interplant transfers
		Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)
2843--	Sulfonated oils and assistants, total.....	xxx	xxx	70,181	59,16
2843 01	Assistants in finished, textile and leather.....	171,000	155,458	139,961	23,852
2843 01	Sulfonated oils and assistants.....	1,000	100,000	1,000	100,000
2843 01	Softeners, emulsifiers and other.....	1,000	100,000	1,000	100,000
2843 01	Other assistants.....	1,000	100,000	1,000	100,000
2843 01	Flint.....	1,000	100,000	1,000	100,000
2843 01	Sulfonated oils and assistants, not specified by code.....	xxx	xxx	xxx	xxx

<sup>1</sup> See text under "Value of shipments."

<sup>2</sup> Includes quantity and value of shipments reported not only by establishments classified in the Sulfonated Oils and Assistants Industry but also by establishments making these items as secondary products in other industries. See text under "Value of shipments."



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC (P) -28D-2

### CLEANING AND POLISHING PREPARATIONS INDUSTRY

(Industry Code 2842--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Cleaning and Polishing Preparations Industry shipped products valued at \$840 million, an increase of 39 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 19 percent from 1954 to 1958 to a total of 21.5 thousand employees in 1958. Value added by manufacture in the industry amounted to \$435 million in 1958, an increase of 45 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE CLEANING AND POLISHING PREPARATIONS INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2842)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	21.5	18.0	+19
Payroll.....	Million dollars...	123.4	78.6	+57
Production workers:				
Number.....	Thousands.....	10.6	10.6	...
Man-hours.....	Millions.....	21.4	20.2	+6
Wages.....	Million dollars...	45.7	34.6	+32
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	407.4	288.6	+41
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	434.7	300.2	+45
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	407.0	305.1	+34
Value of shipments <sup>5</sup> .....	..do.....	840.2	606.7	+39
Capital expenditures, new.....	..do.....	10.4	12.7	-18
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	238	173	+38

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resale for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Cleaning and Polishing Preparations Industry includes establishments engaged primarily in the manufacture of cleansers, washing powders, and washing compounds and which are not engaged in manufacturing soap. Establishments primarily engaged in manufacturing dry-cleaning preparations, metal, automobile, shoe and other polishes; paint and varnish removers; waxes and dressings for fabricated leather and other materials and related products are also included in this industry. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Cleaning and Polishing Preparations Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Cleaning and Polishing Preparations Industry amounted to \$840 million. Of this total, \$674 million were products primary to the industry, \$92 million were products primary to other industries, and \$74 million were receipts for resales and for miscellan-

eous activities. The industry shipments of primary products represented 88 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 80 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,475 million of cleaning and polishing preparations were shipped by all producers of these products. Of this total, \$674 million, or 46 percent, were shipped by plants classified in Industry 2842, Cleaning and Polishing Preparations, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

3

Table 1.—GENERAL STATISTICS FOR THE CLEANING AND POLISHING PREPARATIONS INDUSTRY (S.I.C. CODE 2842) BY REGION AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	21,460	123,393	10,587	21,395	45,667	407,388	434,679	840,163	10,439	238	18,026	288,990
New England.....	2,015	11,941	914	1,925	4,000	45,888	49,347	89,613	1,539	21	2,104	24,917
Massachusetts.....	1,518	8,935	681	1,400	3,099	38,807	41,818	74,873	1,361	13	1,395	17,951
Middle Atlantic.....	5,654	29,921	3,114	6,345	13,115	102,505	103,915	214,895	2,293	71	5,523	69,679
New York.....	2,594	12,679	1,669	3,428	6,647	48,642	47,026	93,594	937	35	2,494	32,628
New Jersey.....	2,101	12,280	972	2,018	4,718	43,832	46,026	98,303	672	23	2,211	30,222
Pennsylvania.....	959	4,962	473	899	1,750	10,031	10,863	22,998	684	13	817	6,828
East North Central.....	6,647	41,481	3,064	6,100	13,810	154,033	171,611	292,265	3,330	66	5,596	133,635
Indiana.....	667	3,663	290	601	1,344	12,431	13,543	21,309	249	6	611	7,230
Illinois.....	2,094	11,675	1,024	2,067	4,501	51,765	52,577	97,238	1,064	25	1,650	34,144
West North Central.....	1,822	9,054	919	1,801	3,955	34,303	35,339	75,804	685	21	1,419	20,272
Missouri.....	1,347	6,703	724	1,408	3,234	27,321	27,771	62,577	498	13	1,109	17,832
South and West.....	5,322	30,996	2,576	5,224	10,787	70,659	74,467	167,586	2,592	59	3,382	40,084
Maryland.....	463	2,136	313	628	1,058	4,065	4,162	9,231	56	6	301	1,927

<sup>1</sup>Each product of State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF CLEANING AND POLISHING PREPARATIONS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 and 1954

(Includes quantity and value of these products reported not only by establishments classified in the Cleaning and Polishing Preparations Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	1958			1954		
			Total production (quantity)	Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2842---	Cleaning and polishing preparations, total.....		xxx	xxx	1,474,937	xxx	xxx	997,899
28421--	Synthetic organic detergents, packaged <sup>1</sup> .....		xxx	xxx	793,753	xxx	xxx	504,144
2842111	Liquid.....	Thousand gallons..	69,947	68,291	176,616	9,056	8,968	35,864
2842113	Bars, paste, and jelly.....	Thousand pounds...				3,748	3,392	2,082
2842118	Granulated, powdered, sprayed, chips and flakes, including washing powders.....	...do.....	2,507,459	2,480,124	555,892	2,161,143	2,135,425	432,550
2842153	Scouring cleansers with or without abrasives.....	...do.....	429,782	418,848	59,940	304,770	289,075	31,231
2842100	Synthetic organic detergents, packaged, not specified by kind.....		xxx	xxx	1,305	xxx	xxx	2,417
28422--	Synthetic organic detergents, bulk <sup>2</sup> .....		xxx	xxx	133,588	xxx	xxx	92,775
2842211	Liquid.....	Thousand gallons..	19,376	19,669	35,582	7,479	7,488	12,617
2842213	Bars.....	Thousand pounds...	3,991	3,991	948	6,558	6,536	1,012
2842218	Granulated, powdered, sprayed, chips, and flakes including washing powders.....	...do.....				153,986	145,180	21,195
2842253	Scouring cleansers with or without abrasives.....	...do.....	156,831	152,202	21,111	6,813	6,562	640
2842219	Paste and jelly.....	...do.....	17,742	17,400	2,591	13,070	13,226	2,002
2842271	Bulk surface active agents, other than sulfonated oils and fats, primarily for detergent purposes.....	...do.....	...	330,366	69,888	xxx	xxx	51,616
2842200	Synthetic organic detergents, bulk, not specified by kind.....		xxx	xxx	3,468	xxx	xxx	3,683
28423--	Specialty detergents.....		xxx	xxx	139,325	xxx	xxx	91,177
	Acid-type cleaners (containing an acid and/or wetting agent, and/or inorganic fillers):							
2842301	Dairy and food processing cleaners.....	Thousand pounds...	31,749	31,611	4,854			
2842303	Metal cleaners.....	...do.....	50,412	50,753	8,787	(3)	(3)	(3)
2842305	All others.....	...do.....	33,262	30,874	5,007			
2842307	Waterless hand cleaners (made from petroleum solvent and soap or synthetic organic detergent and sulfonated oils....	...do.....	5,630	5,597	1,643	(3)	(3)	(3)
2842311	Glass window cleaning preparations.....	Thousand gallons..	4,386	4,311	9,106	3,294	3,150	6,926
2842331	Toilet bowl cleaner and drain pipe solvents.....	Thousand pounds...	96,023	95,677	21,765	124,266	104,169	15,985
2842341	Wall paper, window shade and wall cleaner	...do.....	(4)	(4)	(4)	83,396	86,967	16,155
	Paint and varnish removers:							
2842351	Methylene chloride type.....	Thousand gallons..	1,993	1,980	8,100	xxx	xxx	4,864
2842355	Other types.....	...do.....	3,490	3,486	6,844	xxx	xxx	3,681
2842363	Brush cleaners.....	...do.....	...	...	1,011	xxx	xxx	1,030
2842373	Mechanics' hand cleaners made primarily with detergents (Also see code 2841311 for mechanics' hand soaps).....	Thousand pounds..	(NA)	(NA)	1,820	32,854	32,477	5,833
2842381	Dry cleaning spotting preparations (liquid).....	Thousand gallons..	2,388	2,260	6,238	4,270	4,264	8,174
2842398	Other specialty detergents, including sweeping compounds.....		xxx	xxx	452,783	xxx	xxx	219,112
2842300	Specialty detergents, not specified by kind.....		xxx	xxx	11,367	xxx	xxx	9,417
28424--	Polishing preparations and related products..		xxx	xxx	240,386	xxx	xxx	225,555
2842411	Automobile body polish and cleaners.....	Thousand pounds...	(NA)	(NA)	25,865	48,929	47,688	22,152
2842415	Furniture polishes and cleaners.....	...do.....	34,798	35,757	14,677	32,525	32,136	17,129
	Floor polish:							
2842421	Water emulsion.....	Thousand gallons..	34,899	35,659	69,896	37,902	37,404	69,030
2842423	Liquid (other than water emulsion).....	...do.....	11,783	11,800	24,300	10,248	10,292	18,071
2842425	Paste and cake.....	Thousand pounds..	17,511	17,206	6,056	22,220	22,180	6,643
2842429	Other.....	...do.....	1,330	1,329	364	7,621	7,622	1,899
2842435	Metal polish (excluding stove polish).....	...do.....	8,436	8,407	3,617	*25,051	25,005	6,421
	Shoe polishes and cleaners:							
2842442	Liquid.....	Thousand gallons..	4,282	4,175	21,267	3,165	3,161	17,162
2842444	Paste and cake.....	Thousand pounds...	9,580	9,574	11,451	12,125	11,824	11,259
2842451	Chemically treated cleaning and polishing cloths and papers.....		...	...	3,341	xxx	xxx	4,404

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

5

TABLE 1.—QUANTITY AND VALUE OF CLEANING AND POLISHING PREPARATIONS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1957 AND 1958.—Continued

Product code	Product	Unit of measure	1958			1954		
			Total production (quantity)	Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
	Cleaning and polishing preparations—Continued							
	Polishing preparations and related products—Continued							
	Leather dressings and finishes (excluding shoe polish):							
2842461	Leather blackings and stains.....	Thousands pounds..	24,364	24,328	9,910	24,321	24,900	9,910
2842465	Other leather dressings and finishes.....do.....	.....do.....	36,354	36,151	12,474	37,148	36,480	12,900
2842498	Other polishing preparations and related products, n.e.c.....do.....	.....do.....	xxx	xxx	13,910	xxx	xxx	21,304
2842400	Polishing preparations and related products, not specified by kind.....	.....	xxx	xxx	18,284	xxx	xxx	1,693
28-25--	Alkaline detergents (mixture containing sodium and/or phosphatic compounds).....	.....	xxx	xxx	140,493	xxx	xxx	71,370
28-2512	Liquid preparations.....	Thousands gallons	10,789	10,976	17,470	9,979	9,414	9,997
	Solid (including bars, blocks, or powder):							
2842551	Packaged.....	Thousands pounds..	138,368	127,936	21,323	144,867	143,332	21,874
2842555	Bulk.....do.....	.....do.....	725,208	710,268	10,310	450,709	430,138	46,687
2842500	Alkaline detergents (mixture containing sodium and/or phosphatic compounds), not specified by kind.....	.....	xxx	xxx	4,464	xxx	xxx	1,814
2842000	Cleaning and polishing preparations, not specified by kind.....	.....	xxx	xxx	27,392	xxx	xxx	12,876

\*Revised.

NA Not available.

xxx Not applicable.

<sup>1</sup>Packages detergents are limited to products packed in individual containers of less than 25 pounds; and for liquids, when in individual containers of less than 1 gallon.

<sup>2</sup>Bulk detergents are limited to products packed in individual containers of 25 or more pounds; and for liquids, when in individual containers of 1 gallon or more.

<sup>3</sup>Acid-type cleaners, codes 2842301, 2842303, and 2842304, and waterless paint removers, code 2842307, were not reported separately in 1954, but included with code 2842300. Other specialty detergents.

<sup>4</sup>Code 2842341 combined with code 2842398 in 1954.

**1958 CENSUS OF MANUFACTURES**  
**PUBLICATION PROGRAM**

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

**Final Industry Reports**

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

**Final Area Reports**

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

**Final Subject Reports**

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

**VOLUME I—SUMMARY STATISTICS**

**VOLUME II—INDUSTRY STATISTICS**

**VOLUME III—AREA STATISTICS**

**Bureau of the Census**

WASHINGTON 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-28D-3

### SOAP AND GLYCERIN INDUSTRY

(Industry Code 2841—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Soap and Glycerin Industry shipped products valued at \$1,211 million, an increase of 21 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 20 percent from 1954 to 1958 to a total of 20.7 thousand employees in 1958. Value added by manufacture in the industry amounted to \$656 million in 1958, an increase of 26 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE SOAP AND GLYCERIN INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2841)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	20.7	25.8	-20
Payroll.....	Million dollars,...	124.4	127.8	-3
Production workers:				
Number.....	Thousands.....	14.2	15.7	-10
Man-hours.....	Millions.....	28.8	29.3	-2
Wages.....	Million dollars.....	78.4	68.3	+15
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	641.8	510.8	+26
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	656.4	521.4	+26
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	552.5	478.8	+15
Value of shipments.....	..do.....	1,211.0	1,004.5	+21
Capital expenditures, 1958.....	..do.....	12.9	13.4	-4
Number of establishments with 20 or more employees <sup>5</sup> .....	Number.....	78	88	-11

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Soap and Glycerin Industry includes establishments engaged primarily in the manufacture of soap in any form (including shampoos and shaving creams) and in manufacturing crude and refined glycerin. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Soap and Glycerin Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Soap and Glycerin Industry amounted to \$1,211 million. Of this total, \$1,019 million were products primary to the industry, \$155 million were products primary to other industries, and \$37 million were receipts for resales and for miscellaneous activities. The industry shipments of primary products represented 87 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 84 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$506 million of soap and glycerin were shipped by all producers of these products. This total excludes the value of shipments of synthetic detergents and accounts primarily for its being much smaller than the total value of shipments of the industry (table 1) which includes synthetic detergent shipments of plants even though soap manufacturing may be a relatively small proportion of the total output of the establishment. The product information for synthetic detergents is shown in table 3, for Industry 2842, "Cleaning and Polishing Preparations."

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

Table 3.—QUANTITY AND VALUE OF SOAP AND GLYCERIN SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958								1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures with 20 or more employees <sup>5</sup>	No. of establishments with 20 or more employees
	Number	Payroll (\$1,000)	Number	Man-hours	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>			
United States, total.....	1,081	14,481	1,114	8,787	72,460	61,777	656,436	1,711,36	11,876	73
New England.....	1,431	8,441	1,494	1,799	17,781	14,855	14,734	65,873	555	8
Midwest.....	1,281	7,811	944	1,799	17,781	14,855	14,734	65,873	555	8
South Atlantic.....	1,856	11,981	1,901	3,714	11,907	131,436	119,180	748,294	4,047	17
New York.....	1,67	18,774	1,774	17,781	14,855	14,734	65,873	555	8	1,836
West North Central.....	7,144	44,144	4,786	9,547	16,837	139,810	146,345	451,991	2,497	20
Ohio.....	1,439	14,561	1,479	1,344	9,577	96,371	97,379	178,365	981	8
Indiana.....	1,730	15,961	1,848	3,474	9,781	91,224	93,117	167,407	699	3
Illinois.....	1,103	11,461	1,219	1,661	7,561	52,105	55,113	118,270	71	9
West North Central.....	7,601	15,431	1,786	1,584	9,167	90,319	91,240	160,537	2,312	12
Missouri.....	721	11,431	471	911	2,431	25,939	25,677	48,482	239	6
South.....	1,917	11,699	1,219	1,624	7,093	86,911	85,755	164,135	1,209	11
Maryland.....	1,116	7,199	1,298	1,673	4,809	55,402	54,709	104,519	1,279	3
West.....	1,060	12,888	1,325	2,741	7,671	57,244	59,882	120,305	1,361	10
California.....	1,001	12,974	1,289	2,678	7,533	56,706	59,209	118,946	1,356	9

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.<sup>2</sup> Total production of soap and glycerin in the United States was 1,114 million pounds in 1958. Figures for individual companies, in this or associated industries, are shown in the following table. The figures are classified by product and are reported in the following table. Additional publication will appear in the final Census report on this industry.<sup>3</sup> Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.<sup>4</sup> Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.<sup>5</sup> For explanation see text under "Value of shipments."<sup>6</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

Table 3.—QUANTITY AND VALUE OF SOAP AND GLYCERIN SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Soap and Glycerin Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	1958				1954			
			Total production	Total shipments including interplant transfers		Total production	Total shipments including interplant transfers		Total production	Total shipments including interplant transfers
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)		
2841--	Soap and glycerin, total.....		xxx	xxx	505,743	xxx	xxx	xxx	xxx	480,841
28411--	Soaps, except specialty, packaged <sup>1</sup> .....		xxx	xxx	293,615	xxx	xxx	xxx	xxx	309,401
	Bars (excluding medical and medicated, mechanized hand soap and shaving soap): <sup>2</sup>									
2841101	Toilet all types including those products containing germicidal or other additives as a deodorant but not as a therapeutic ingredient.....	Thousand pounds..	164,717	546,498	176,931	3520,852	3512,384	3144,444		
	Laundry and household:									
2841113	White (made with not more than 1 percent resin).....	Thousand pounds..	(4)	(4)	(4)	190,564	189,733	32,970		
2841115	Yellow (made with more than 10 percent resin).....	Thousand pounds..	67,864	68,003	8,377	97,267	97,664	10,666		
2841119	Other (including industrial).....	Thousand pounds..	4143,894	4146,880	417,109	41,458	42,514	3,699		
	Medical and medicated soaps (containing medicinal or germicidal additives of therapeutic value, but not soaps containing germicidal or other additives as a deodorant):									
2841107	Bars.....	Thousand pounds..	1,574	1,371	1,481	(3)	(3)	(3)		
2841109	Liquid and paste.....	Thousand gallons..	339	339	371	xxx	xxx	xxx		
2841121	Chips and flakes.....	Thousand pounds..	44,384	45,281	13,943	74,186	74,916	22,008		
2841124	Granulated, powdered and sprayed, including washing powder.....	Thousand pounds..	187,182	185,795	48,798	381,222	378,468	79,282		
2841127	Liquid (potash and other, excluding champoos).....	Thousand gallons..	xxx	xxx	(3)	3,011	1,993	2,755		

See footnotes at end of the table.

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF SOAP AND GLYCERIN SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954--Continued

Product code	Product	Unit of measure	1958		1954			
			Total production	Total shipments including interplant transfers	Total production	Total shipments including interplant transfers		
				Quantity		Value (\$1,000)	Quantity	Value (\$1,000)
2841131	Soap and glycerin--Continued Soaps, except specialty, packaged <sup>1</sup> --Continued							
2841141	Paste and jelly (potash and other, excluding mechanics' hand paste).....	Thousand pounds..	4,713	4,711	855	10,144	9,694	1,339
2841198	Scouring cleansers with or without abrasives.....	Thousand pounds..	(NA)	(NA)	2,026	115,756	111,890	9,959
2841100	Other soaps.....	Thousand pounds..	xxx	xxx	9,151	9,883	9,835	1,055
	Soaps, except specialty packaged, not specified by kind.....		xxx	xxx	2,373	xxx	xxx	1,422
28412--	Soaps, except specialty, bulk <sup>6</sup> .....		xxx	xxx	52,413	xxx	xxx	49,021
2841211	Chips and flakes.....	Thousand pounds..	105,176	106,044	12,025	121,192	124,215	12,550
2841224	Granulated, powdered and sprayed, including washing powders.....	Thousand pounds..	140,533	140,553	16,460	168,147	168,702	15,691
2841227	Liquid (potash and other excluding shampoos).....	Thousand gallons.	10,831	10,562	14,002	11,640	11,588	12,142
2841231	Paste and jelly (potash and other, excluding mechanics' hand paste).....	Thousand pounds..	30,905	30,980	3,137	36,370	35,428	3,299
2841241	Scouring cleansers with or without abrasives.....	Thousand pounds..	xxx	xxx	(7)	10,955	10,834	979
2841298	Other soaps.....		xxx	xxx	74,260	xxx	xxx	1,179
2841200	Soaps, except specialty, bulk, not specified by kind.....		xxx	xxx	2,529	xxx	xxx	3,181
28413--	Specialty soaps.....		xxx	xxx	40,820	xxx	xxx	42,949
2841311	Mechanics' hand soaps and pastes made with soap.....	Thousand pounds..	89,351	87,599	17,854	62,308	60,945	12,745
	Shaving preparations, soap or soap base: <sup>8</sup>							
	Lather cream:							
2841331	Tube and jar.....	Thousand pounds..	...	4,597	5,129	5,395	5,532	6,799
2841335	Aerosols.....	Thousand pounds..	...	15,216	12,957	18,836	18,167	17,434
2841341	Stick, powder, or cake.....	Thousand pounds..	...	(NA)	3,560	4,199	4,239	2,916
2841300	Specialty soaps, not specified by kind....		xxx	xxx	1,320	xxx	xxx	3,055
28414--	Glycerine (natural and synthetic).....		xxx	xxx	113,129	xxx	xxx	75,810
2841411	Crude, 100 percent basis.....	Thousand pounds..	132,267	99,084	11,989	210,012	58,496	14,199
2841431	High-gravity, dynamite, and yellow distilled, 100 percent basis.....	...do.....	48,188	48,890	12,963	60,516	60,435	18,179
2841451	Chemically pure 100 percent basis.....	...do.....	342,190	333,540	88,177	151,105	145,956	43,432
2841000	Soap and glycerin, not specified by kind....		xxx	xxx	5,766	xxx	xxx	3,660

NA Not available.

xxx Not applicable.

<sup>1</sup>Packaged soaps are limited to products packed in individual containers of less than 25 pounds; and for liquids, when in individual containers of less than 1 gallon.<sup>2</sup>Bars weighing less than 2 pounds.<sup>3</sup>Code 2841107 included in 2841101 in 1954.<sup>4</sup>Code 2841113 combined with Code 2841119.<sup>5</sup>Code 2841127 combined with Code 2841198.<sup>6</sup>Bulk soaps are limited to products packed in individual containers of 25 or more pounds; and for liquids, when in individual containers of 1 gallon or more.<sup>7</sup>Code 2841241 combined with Code 2841298.<sup>8</sup>Shaving preparations containing no soap (brushless) are classified as primary to Industry 2893, toilet preparations. The 1958 shipments for these preparations in tubes and jars amounted to \$6,108 thousand and aerosols \$4,923 thousand. The comparable 1954 figure is \$8,249 thousand in tubes and jars. Data for aerosol preparations were not available in 1954.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-28D-3

### CHANGE SHEET

### SOAP AND GLYCERIN INDUSTRY

(Industry Code 2841—SIC system in use through 1957)

The following changes should be made in the report for the Soap and Glycerin Industry, MC(P)-28D-3, dated May 1960.

Page	Table	Product code	Product	1958		
				Total production	Total shipments including interplant transfers	
					Quantity (1,000 pounds)	Value (\$1,000)
				AS PUBLISHED		
3	3	2841---	Soap and glycerin, total.....	xxx	xxx	505,743
4	3	28414--	Glycerin (natural and synthetic).....	xxx	xxx	113,129
		2841411	Crude, 100 percent basis.....	132,267	59,084	11,989
		2841431	High-gravity, dynamite, and yellow distilled, 100 percent basis.....	48,188	48,890	12,963
		2841451	Chemically pure, 100 percent basis....	342,190	333,540	88,177
				AS REVISED		
3	3	2841---	Soap and glycerin, total.....	xxx	xxx	463,079
4	3	28414--	Glycerin (natural and synthetic).....	xxx	xxx	70,465
		2841411	Crude, 100 percent basis.....	212,325	62,009	12,763
		2841431	High-gravity, dynamite, and yellow distilled, 100 percent basis.....	45,258	45,960	12,177
		2841451	Chemically pure, 100 percent basis....	180,367	170,238	45,525

USCOMM-DC



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-28E-1

### WHITING AND FILLERS INDUSTRY

(Industry Code 2853--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufactures in the Whiting and Fillers Industry shipped products value at \$35 million, and increase of 30 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 17 percent from 1954 to 1958 to a total of 1.4 thousand employees in 1958. Value added by manufacture in the industry amounted to \$18 million in 1958, an increase of 63 percent from 1954 when the previous census was

taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE WHITING AND FILLERS INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2853)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	1.4	1.2	+17
Payroll.....	Million dollars...	7.7	5.4	+43
Production workers:				
Number.....	Thousands.....	0.7	0.8	-12
Man-hours.....	Millions.....	1.6	1.5	+7
Wages.....	Million dollars...	3.1	2.5	+24
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	17.5	10.3	+70
Value added by manufacture, adjusted <sup>2</sup> .....	..do.....	17.8	10.9	+63
Cost of materials, fuel, electricity, and contract work <sup>2</sup> .....	..do.....	16.8	15.6	+8
Value of shipments <sup>2</sup> .....	..do.....	34.5	26.5	+30
Capital expenditures, new.....	..do.....	1.1	(NA)	(NA)
Number of establishments with 20 or more employees <sup>3</sup> .....	Number.....	18	18	...

NA Not available.

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Whiting and Fillers Industry includes establishments engaged primarily in the manufacture of whiting from limestone or chalk; whiting ground in oil (putty); and wood-fillers and allied paint products such as caulking and glazing compounds. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Whiting and Fillers Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Whiting and Fillers Industry amounted to \$34 million. Of this total, \$27 million were products primary to the industry, \$6 million were products primary to other industries, and \$1 million were receipts for miscellaneous activities. The industry shipments of primary products represented 81 percent of the total

manufactured product shipments (primary and secondary). The 1954 ratio was 89 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$49 million of whiting and fillers, were shipped by all producers of these products. Of this total, \$27 million, or 55 percent, were shipped by plants classified in Industry 2853, Whiting and Fillers, while the remainder was shipped by plants classified in other industries.

### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

3

Table 1.--GENERAL STATISTICS OF THE WHITING AND FILLERS INDUSTRY IN THE UNITED STATES, BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>4</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup>	Adjusted <sup>5</sup>					
United States, total.....	1,408	7,711	750	1,573	3,070	17,474	17,754	34,535	1,086	18	1,210	10,337
New England.....	77	392	58	124	221	988	981	2,149	20	2	75	580
Massachusetts.....	72	362	53	111	191	938	930	2,011	20	2	75	580
Middle Atlantic.....	189	929	123	261	470	2,173	2,213	4,825	32	2	262	2,083
New York.....	92	540	45	103	219	1,232	1,259	2,481	23	1	124	913
East North Central....	692	4,118	272	592	1,208	8,414	8,616	15,657	868	7	455	4,346
Illinois.....	104	523	70	148	289	1,526	1,547	3,160	(D)	1	119	1,025
Michigan.....	97	588	39	72	151	974	978	2,005	(D)	2	153	1,782
West North Central....	114	654	76	151	306	1,457	1,456	2,761	20	3	79	658
South.....	133	593	95	202	333	2,009	2,049	4,101	29	2	211	1,424
West.....	203	1,025	126	243	532	2,433	2,439	5,042	117	2	126	1,243

(D) Withheld to avoid disclosing figures for individual establishments.

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.<sup>4</sup>For explanation see text under "Value of shipments."<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--QUANTITY AND VALUE OF WHITING AND FILLERS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Whiting and Fillers Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	1958			1954		
		Total production (1,000 pounds)	Total shipments including interplant transfers		Total production (1,000 pounds)	Total shipments including interplant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)		Quantity (1,000 pounds)	Value (\$1,000)
2853--	Whiting and fillers, total.....	xxx	xxx	49,437	xxx	xxx	45,431
2853011	Whiting (including ground limestone or chalk).....	56,785	54,162	715	120,354	117,138	1,306
2853031	Wood and textile preservatives (nonpressure type).....	(NA)	(NA)	3,722	4,290	4,328	6,194
2853051	Wood fillers and sealers.....	xxx	xxx	6,098	xxx	xxx	4,954
	Putties, glazing, and caulking compounds:						
2853071	Wood and metal sash putties.....	114,995	113,698	12,854	152,460	154,363	12,202
2853075	Caulking compounds.....	148,529	148,727	18,240	85,828	86,904	12,828
2853098	Other allied paint products.....	xxx	xxx	4,965	xxx	xxx	6,207
2853000	Whiting and fillers, not specified by kind.....	xxx	xxx	2,843	xxx	xxx	1,740

NA Not available.

xxx Not applicable.

**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-28E-2

### INORGANIC COLOR PIGMENTS INDUSTRY

(Industry Code 2852—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Inorganic Color Pigments Industry shipped products valued at \$421 million, an increase of 8 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 6 percent from 1954 to 1958 to a total of 11.5 thousand employees in 1958. Value added by manufacture in the industry amounted to \$238 million in 1958, an increase of 22 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE INORGANIC COLOR PIGMENTS INDUSTRY IN THE UNITED STATES: 1958 and 1954  
(Standard Industrial Classification Code 2852)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	11.5	12.2	-6
Payroll.....	Million dollars...	62.8	54.8	+15
Production workers:				
Number.....	Thousands.....	8.1	9.0	-10
Man-hours.....	Millions.....	16.3	18.2	-10
Wages.....	Million dollars...	41.8	37.2	+12
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	242.2	196.9	+23
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	237.1	194.5	+20
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	175.0	188.8	-7
Value of shipments <sup>5</sup> .....	do.....	420.9	388.6	+8
Capital expenditures, new.....	do.....	25.7	8.2	+213
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	56	55	+2

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U. S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Inorganic Color Pigments Industry includes establishments engaged primarily in the manufacture of dry colors and inorganic color pigments. Important products of this industry include black pigments such as black iron oxide, white pigments such as white lead and blanc fixe, and titanium pigments; color pigments such as ultramarine and vermilion; and chrome, iron, and other dry colors. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Inorganic Color Pigments Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale or products, etc. The total value of shipments and other receipts of establishments classified in the Inorganic Color Pigments Industry amounted to \$421 million. Of this total, \$365 million were products primary to the industry, \$34 million were products primary to other industries, and \$22 million were receipts for miscellaneous activities. The industry shipments of primary

products represented 92 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 88 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$407 million of inorganic color pigments were shipped by all producers of these products. Of this total, \$365 million, or 90 percent, were shipped by plants classified in Industry 2852, Inorganic Color Pigments, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR THE INORGANIC COLOR PIGMENTS INDUSTRY (S.I.C. CODE 285) BY REGION AND STATE: 1958 AND 1957

Region and State <sup>1</sup>	1958									1957	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)				
United States, total.....	11,511	62,844	2,858	16,100	41,782	24,152	27,400	42,901	1,727	6	20,122
Northeast.....	5,146	27,316	1,211	7,000	18,100	11,800	12,800	17,800	10	1	1,800
New York.....	1,365	7,116	366	2,070	4,541	2,393	2,170	3,776	26	2	1,278
Pennsylvania.....	1,616	7,941	484	2,180	4,244	2,334	2,100	4,103	1,091	1	1,000
East North Central.....	1,479	7,281	998	5,000	4,401	1,500	17,110	12,708	560	2	1,000
Illinois.....	709	3,415	475	2,110	1,731	1,000	8,710	19,000	179	6	6,000
West North Central.....	2,183	11,804	1,448	3,000	2,400	4,401	46,426	76,168	10	1	1,000
South.....	2,737	14,673	1,200	3,000	1,000	17,505	10,400	118,608	1,000	1	1,000
West.....	156	764	7	100	100	1,800	1,100	7,344	90	3	1,000

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Each producing State not shown separately in the above table was withheld either because its production was so small as to be negligible or because the industry was so small as to be negligible in the State. Additional figures will appear in the final Census report on this industry.<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the change in finished products and work-in-process inventories between the beginning and end of year.<sup>4</sup>For explanation see text under "Value of shipments."<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF INORGANIC COLOR PIGMENTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Inorganic Color Pigments Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	1958						1954					
		Total production	Total shipments including inter-plant transfers		Commercial shipments		Total production	Total shipments including inter-plant transfers		Commercial shipments		Quantity (short tons)	Value (\$1,000)
			Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)		Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)		
2852—	Inorganic color pigments, total <sup>1</sup> .....	xxx	xxx	407,425	xxx	xxx	xxx	xxx	370,222	xxx	xxx	xxx	xxx
28521—	White opaque pigments.....	xxx	xxx	286,147	xxx	xxx	xxx	xxx	239,683	xxx	xxx	xxx	xxx
	White lead, excluding white lead in oil:												
2852111	Basic lead carbonate.....	13,590	13,152	4,453	(D)	(D)	26,586	18,039	5,242	13,177	4,011	xxx	xxx
2852115	Basic lead sulfate.....												
	Zinc oxide pigments:												
2852121	Lead-free zinc oxide.....	130,075	132,048	35,308	(D)	(D)	138,357	137,136	34,864	(D)	(D)	(D)	(D)
2852125	Leaded zinc oxide.....	23,127	24,187	6,302	(D)	(D)	57,486	58,736	11,029	(D)	(D)	(D)	(D)
2852133	Titanium pigments, composite and pure (100% TiO <sub>2</sub> ).....	403,867	425,765	231,888	396,570	216,330	361,006	363,010	175,661	333,251	161,613	(D)	(D)
2852161	Lithopone.....	xxx	xxx	8,011	xxx	5,214	44,738	44,554	6,191	xxx	xxx	xxx	xxx
2852198	All other white opaque pigments including antimony oxide and pure zinc sulfide.....												
2852100	White opaque pigments, not specified by kind.....	...	...	185	...	...	xxx	xxx	140	xxx	xxx	xxx	xxx
28522—	Chrome colors.....	xxx	xxx	29,495	xxx	28,660	xxx	xxx	33,474	xxx	xxx	xxx	xxx
2852211	Chrome green (chrome yellow and iron blue).....	3,907	3,997	3,048	(D)	(D)	*6,611	*6,633	5,025	*5,579	4,307	(D)	(D)
2852221	Chrome oxide green.....	4,820	5,050	4,431	(D)	(D)	*6,788	*6,868	*5,131	(D)	(D)	(D)	(D)
2852231	Chrome yellows and orange.....	22,365	21,429	13,859	18,475	11,846	24,552	24,409	14,279	20,334	11,882	(D)	(D)
2852361	Molybdate chrome orange.....	5,675	5,566	5,014	(D)	(D)	4,782	4,686	3,836	4,296	3,547	(D)	(D)
2852271	Zinc yellow (zinc chromate).....	6,005	5,801	3,143	4,468	2,389	5,814	5,634	2,738	4,822	2,347	(D)	(D)
2852298	All other chrome colors.....	...	...	...	...	...	xxx	xxx	1,407	xxx	xxx	xxx	xxx
2852200	Chrome colors, not specified by kind.....	...	...	...	...	...	xxx	xxx	476	xxx	xxx	xxx	xxx
28523—	Other inorganic pigments, including white extender pigments.....	xxx	xxx	90,839	xxx	xxx	xxx	xxx	96,880	xxx	xxx	xxx	xxx
2852311, 13, and 19	White extender pigments (barytes, blanc fixe, satin white, and other extender pigments excluding whitening).....	xxx	xxx	4,590	xxx	xxx	xxx	xxx	4,000	xxx	xxx	xxx	xxx
2852321	Color pigments other than chrome colors and lakes and toners:												
	Iron oxide pigments.....	61,908	63,603	12,308	(D)	(D)	89,231	84,770	14,296	74,132	12,761	(D)	(D)
2852331	Colored lead pigments:												
	Red lead.....	23,311	22,493	6,417	(D)	(D)	26,773	26,110	8,286	22,346	7,105	(D)	(D)
2852335	Litharge.....	121,698	113,822	30,210	(D)	(D)	135,976	131,145	39,208	(D)	(D)	(D)	(D)
2852341	Iron blues (Prussian blue, millori blue, etc.).....	4,254	4,139	4,040	(D)	(D)	*4,594	*4,642	4,183	*3,600	3,301	(D)	(D)
2852361	Pearl essence.....	xxx	xxx	3,691	...	...	2,454	2,454	1,467	2,454	1,467	(D)	(D)
2852371	Ceramic colors.....	xxx	xxx	17,559	(D)	(D)	13,922	12,003	14,148	(D)	(D)	(D)	(D)
2852398	All other color pigments including ultramarine blue (excluding organic pigments, lakes, and toners).....	xxx	xxx	11,103	xxx	xxx	xxx	xxx	10,531	xxx	xxx	xxx	xxx
2852300	Other inorganic pigments, including white extender pigments, not specified by kind.....	xxx	xxx	921	xxx	xxx	xxx	xxx	761	xxx	xxx	xxx	xxx
2852000	Inorganic color pigments, not specified by kind.....	xxx	xxx	944	xxx	xxx	xxx	xxx	185	xxx	xxx	xxx	xxx

\*Revised.

D Withheld to avoid disclosing figures for individual companies.

xxx Not applicable.

<sup>1</sup>See Industry 2822, "Intermediates and Organic Colors," for information on lakes and toners.

# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-28E-3

### PAINTS AND VARNISHES INDUSTRY

(Industry Code 2851--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Paints, and Varnishes Industry shipped products valued at \$1,809 million, an increase of 14 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry in 1958 was 56.9 thousand employees, approximately the same as the number, 56.6 thousand, reported in 1954. Value added by manufacture in the industry amounted to \$758 million in 1958, an increase of 15 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE PAINTS AND VARNISHES INDUSTRY IN THE UNITED STATES: 1958 and 1954  
(Standard Industrial Classification Code-2851)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	56.9	56.6	...
Payroll.....	Million dollars...	313.1	263.9	+19
Production workers:				
Number.....	Thousands.....	32.3	33.9	-5
Man-hours.....	Millions.....	66.5	67.4	-2
Wages.....	Million dollars...	149.1	127.6	+17
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	734.7	642.7	+14
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	758.0	661.8	+14
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	1, 5 .9	921.4	+14
Value of shipments <sup>5</sup> .....	..do.....	1,809.0	1,579.9	+14
Capital expenditures, new.....	..do.....	29.7	21.3	+36
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	577	552	+5

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Paints and Varnishes Industry includes establishments engaged primarily in the manufacture of paints (in paste form or mixed ready to use), varnishes, lacquers, japans, enamels, and shellac. Important products of this industry include water paints and calcimines (dry and paste); paints in paste form (white or red lead in oil, zinc oxide in oil, colors in oil or japan); ready-mixed and semipaste paints (paints in oil, under-coatings and primers, wall paints, stains, and bituminous paints); varnishes and varnish stains; clear and pigmented lacquers; enamels; japans, shellac and dopes. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Paints and Varnishes Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Paints and Varnishes Industry amounted to \$1,809 million. Of this total, \$1,587 million were products primary to the industry, \$123 million were products primary to other industries,

and \$99 million were receipts for miscellaneous activities. The industry shipments of primary products represented 93 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 95 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,638 million of paints and varnishes were shipped by all producers of these products. Of this total, \$1,587 million, or 97 percent, were shipped by plants classified in Industry 2851, Paints and Varnishes, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.



## 1958 CENSUS OF MANUFACTURES

2. GENERAL STATISTICS FOR THE PAINTS AND VARNISHES INDUSTRY (SIC CODE 2811), BY REGIONS AND STATES: 1958 and 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>					
United States, total.....	56,441	313,124	31,882	66,477	147,611	734,739	758,711	1,838,998	29,001	577	56,588	642,656
New England.....	2,217	11,111	1,257	2,471	5,136	26,736	26,712	59,694	854	29	2,472	23,478
Connecticut.....	267	1,512	149	344	623	2,826	2,897	7,323	181	3	414	3,112
Middle Atlantic.....	16,21	9,277	9,348	18,65	43,727	199,119	233,696	489,163	8,044	159	17,033	191,622
New York.....	4,08	22,613	2,445	4,979	11,771	5,297	51,706	121,264	1,016	49	4,810	54,323
New Jersey.....	7,077	4,364	4,183	8,781	2,966	95,668	98,792	237,339	3,653	68	7,428	89,024
Pennsylvania.....	4,934	27,232	2,62	5,99	12,741	53,154	53,898	13,557	3,375	42	4,795	48,273
East North Central.....	19,791	111,634	11,169	23,122	53,341	262,753	277,625	636,505	9,118	164	20,111	236,278
Illinois.....	8,347	47,668	5,151	10,768	24,661	111,895	115,14	294,791	3,785	71	7,734	93,642
Michigan.....	3,64	21,977	2,21	4,149	1,776	54,287	54,624	120,691	2,775	29	3,872	51,634
Wisconsin.....	1,114	5,967	497	1,44	2,377	12,643	13,189	31,851	283	9	1,102	10,993
West North Central.....	3,826	20,845	2,12	4,255	9,191	53,365	54,514	126,932	1,275	42	3,953	49,167
Missouri.....	2,288	12,645	1,133	2,344	4,986	30,946	31,443	73,268	480	23	2,569	31,008
South Atlantic.....	3,677	17,817	2,23	4,538	7,909	44,662	46,071	111,254	1,795	52	2,671	26,256
Virginia.....	337	1,533	218	4,4	646	3,018	2,982	8,644	49	5	238	2,073
Florida.....	573	2,55	362	754	1,206	7,277	7,924	17,460	342	8	275	2,021
East South Central.....	2,097	11,083	1,163	2,458	4,977	28,051	28,717	67,089	672	21	2,113	25,137
Mississippi.....	38	297	28	52	83	341	341	793	(D)	...	14	156
West South Central.....	2,489	12,563	1,277	2,674	5,556	31,274	32,326	80,742	4,451	31	2,015	20,976
Texas.....	1,863	9,787	967	2,045	4,345	24,737	25,823	64,848	4,409	22	1,463	17,534
West.....	6,893	37,964	3,972	8,304	19,428	88,079	95,154	238,622	2,792	79	6,209	69,739
Oregon.....	249	1,068	127	274	582	1,834	2,024	6,473	41	4	322	3,283
California.....	5,577	31,172	3,355	6,916	16,616	75,427	80,632	203,532	2,259	58	5,261	61,195

<sup>1</sup>Each producing unit not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF PAINTS AND VARNISHES SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Paints and Varnishes Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments". The final Census report for Industry 2851, to be released at a later date, will explain differences between the data contained in this report and corresponding information published monthly in our Current Industrial Reports (formerly Facts for Industry) Series M28F, "Paint, Varnish, and Lacquer")

Product code	Product	1958		1954				
		Total production (quantity)	Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers		
			Quantity	Value		Quantity	Value	
		(1,000 gallons)	(1,000 gallons)	(\$1,000)	(1,000 gallons)	(1,000 gallons)	(\$1,000)	
2851----	Paints, varnishes, lacquers, japans, and enamels, total.....	1,576,844	1,570,645	1,638,389	1,580,248	1,560,981	1,458,297	
28511--	Trade sales products (including general maintenance).....	303,945	301,682	884,347	2284,821	2279,613	2244,035	
	Exterior use:							
	Oil and alkyd vehicle paints in paste and semipaste form:							
2851111	White lead in oil.....	1,751	1,003	3,240	1,675	1,299	3,046	
2851113	Red lead in oil.....			232		233	953	
2851115	Other colors in oil and in japan.....		1,348	1,336	7,699	925	913	4,926
2851117	Other paste and semipaste paints.....		570	566	2,744	1,530	1,488	5,399
	Oil paints, enamels, and varnishes in ready-mixed form:							
2851121	Oil and alkyd vehicle house paints.....	49,652	49,717	173,517	45,726	45,339	152,406	
2851123	Enamels (including trim and trellis, porch, and deck).....	16,225	16,088	60,273	13,890	13,613	49,060	
2851125	Undercoatings and primers.....	8,709	8,679	27,693	10,617	10,520	27,381	
2851127	Barn and roof paints (excluding bituminous paints and roof coatings).....	4,352	4,336	10,099	3,925	3,925	8,330	
2851129	Bituminous paints (excluding roof coatings).....	6,463	6,476	5,979	4,477	5,002	2,861	
2851130	Marine paints (excluding ship bottom or other specially formulated paints).....	1,935	1,977	6,803	(4)	(4)	(4)	
2851131	Metallic paints (aluminum, zinc, bronze, etc.).....	6,616	6,684	19,612	6,280	6,194	17,916	
2851132	Traffic paints (all types).....	6,331	6,318	14,289	3,810	3,723	8,045	
2851133	Varnish, oleoresinous (synthetic).....	5,270	5,177	13,512	3,936	3,472	8,878	
2851135	Varnish, oleoresinous (natural).....	883	878	1,759	716	659	1,396	
2851137	Stain, shingle and shake.....	3,131	3,132	8,346	2,392	2,404	4,995	
2851139	Other exterior paints, enamels and varnishes.....	3,563	3,590	11,408	4,001	3,763	12,459	
	Water-thinned paints:							
2851141	Lime and cement bound, dry <sup>2</sup> .....	8,587	8,464	5,141	8,896	8,741	5,221	
2851145	Other exterior water-thinned paints.....	4,272	4,222	12,799	1,739	1,664	5,013	
	Interior use:							
	Oil paints, enamels, and varnishes in ready-mixed form:							
2851151	Mill white paints.....	6,402	6,312	18,191	8,885	8,881	26,668	
2851153	Flat wall paints including semipaste (oil and alkyd vehicle).....	27,687	27,495	79,776	31,781	31,698	80,160	
2851155	Gloss and semi-gloss, including enamels.....	29,050	29,004	101,946	30,209	30,011	99,631	
2851156	Undercoatings and primers.....	6,767	6,761	19,838	9,024	9,034	21,973	
2851158	Multicolored finishes (all types).....	2,313	2,312	7,643	xxx	xxx	xxx	
2851159	Other interior paints and enamels, N.E.C.....	3,658	3,621	11,863	5,222	4,800	13,736	
	Varnishes: <sup>6</sup>							
2851161	Natural resin varnish, excluding shellac.....	2,474	2,472	7,069	3,060	2,887	5,477	
2851163	Synthetic resin base varnish.....	5,714	5,716	17,042	15,390	13,242	24,560	
2851167	Shellac varnish.....	3,336	3,367	7,862	3,570	3,548	8,854	
2851168	Spirit varnish and other interior varnish, N.E.C.....	1,415	1,394	3,003	1,663	1,653	2,908	
2851171	Stains.....	2,856	2,889	8,109	1,978	2,113	4,842	
	Water-thinned paints:							
	Latex base emulsion paints:							
2851179	Acrylic.....	4,168	4,131	12,760	xxx	xxx	xxx	
2851181	Butadiene-styrene.....	33,152	32,626	98,827	29,406	29,004	79,665	
2851182	Vinyl and others.....	12,123	11,937	35,972	3,139	3,012	8,389	
2851183	Resin and other base emulsion paints (paste and semipaste).....	1,181	1,170	3,688	1,814	1,770	4,491	
2851186	Plastic texture, paste and dry <sup>2</sup> .....	4,450	4,458	3,575	4,080	4,048	3,356	
	Other interior water-based paints, including casein and calcimines:							
2851191	Dry <sup>7</sup> .....	6,440	6,402	2,687	4,720	5,128	2,308	
2851193	Paste and semipaste <sup>5</sup> .....	1,501	1,455	2,546	2,979	3,013	4,703	
2851100	Trade sales products, not specified by kind.....	819,600	819,467	57,037	813,134	812,819	34,029	
28512--	Industrial product finishes including industrial maintenance							
	special coatings.....	256,812	253,055	711,090	2287,282	2273,561	2695,744	
2851211	Specialty formulated coatings for special conditions in the interior of industrial plants requiring protection against extreme temperatures, fungi, chemicals, fumes, etc.....	7,308	7,224	25,216	5,681	5,741	16,211	
2851213	Specialty formulated coatings for special conditions in the exterior of industrial plants requiring protection against extreme temperatures, fungi, chemicals, fumes, etc.....	23,320	23,898	26,360	17,620	17,614	16,804	
2851218	Marine paints, ship bottom and other specially formulated paints.....	8,108	8,093	25,912	48,105	48,107	426,118	
	Pigmented industrial product finishes, excluding lacquer:							
2851222	Undercoaters and primers.....	18,594	18,104	50,706	15,189	14,829	36,220	
2851231	Wrinkle finishes.....	833	825	2,762	2,012	5,852	2,012	
2851233	Hammer, crackle, crystal, pearl essence finishes.....	1,694	1,693	5,311	1,829	1,800	6,229	
2851235	Metallic (aluminum, bronze, etc.).....	3,179	3,136	9,370	4,186	4,032	11,643	
	Alkyd and oil types:							
2851236	Automotive finishes.....	19,413	19,146	62,169	54,483	54,009	156,039	
2851238	Appliance finishes.....	6,768	6,635	25,500				
2851239	Other finishes.....	28,039	27,661	62,128				
2851240	Other types.....	6,829	6,551	21,697				

See footnotes at end of table.

1954 CENSUS OF MANUFACTURES

MANUFACTURES SHIPPED BY ALL PRODUCERS IN THE UNITED STATES 1954 AND 1955—Continued

Product Code		1954		1955	
		Total production (quantity)	Total shipment (including interplant transfers)	Total production (quantity)	Total shipment (including interplant transfers)
		Quantity	Value	Quantity	Value
	Paints, varnishes, lacquers, enamels, etc.—Continued	(1,000 gallons)	\$1,000	(1,000 gallons)	\$1,000
	Industrial product finishes, etc.—Continued				
	Clear industrial product finishes, excluding lacquers <sup>1</sup>				
2851241	Insulating varnishes, electrical type.....	3,042	2,992	7,879	6,058
	Synthetic resin base varnishes:				
2851243	Alkyd.....	13,417	13,451	32,217	40,341
2851244	Epoxy.....	1,723	1,686	5,479	13,316
2851245	Phenolic and other tar acid resins.....	1,813	1,821	4,375	70,710
2851246	Other.....	5,274	5,163	10,807	
2851247	Natural resinous base varnishes, excluding shellac.....	2,409	2,401	4,765	4,728
2851255	Baking and drying, japans and driers.....	946	930	2,698	2,288
2851260	Other varnishes, including spirit and shellac varnishes and mixtures, etc.....	4,612	4,548	9,730	5,221
2851261	Stains.....	2,094	2,089	3,036	2,699
2851262	Automotive underbody coatings.....	13,161	13,130	10,730	(9)
2851263	Dopes, cellulose nitrate and other driers.....	1,776	1,764	3,127	2,516
2851265	Thinners for dopes, lacquers, and leucosin as thinners, including mixtures and proprietary thinners (sold as such).....	44,606	44,224	45,871	47,270
		(1,000 pounds)		(1,000 pounds)	
2851267	Bleached shellac (not varnish).....	17,254	14,684	7,630	23,527
		(1,000 gallons)			22,367
	Lacquers: <sup>2</sup>				
	Clear:				
2851271	Cellulose nitrate.....	24,863	24,673	52,657	23,081
2851275	Cellulose lacquer, excluding cellulose nitrate.....	2,561	2,517	5,183	2,671
2851277	Noncellulose lacquers.....	8,620	8,172	20,828	5,422
	Pigmented:				
2851281	Cellulose nitrate.....	20,441	19,443	60,342	24,292
2851285	Cellulose lacquer, excluding cellulose nitrate.....	1,516	1,432	4,098	2,352
2851287	Noncellulose lacquers.....	8,620	8,172	20,828	1,262
2851291	Miscellaneous related paint products <sup>10</sup> .....	xxx	xxx	43,308	(9)
2851292	Other industrial product finishes.....	5,472	5,462	13,487	31,148
2851200	Industrial products finishes including industrial maintenance special coatings.....	110,362	110,191	24,764	111,429
2851000	Paints, varnishes, lacquers, japans, and enamels, etc., not specified by kind.....	1216,087	1215,908	42,952	128,145
					127,807

xxx Not applicable.

<sup>1</sup>Includes estimates for product codes 2851000, 2851100, and 2851200 and excludes product codes 2851265, "Thinners", and 2851267, "Bleached Shellac." Total quantities for 1958 exclude product code 2851291, "Miscellaneous related paint products", which are included in the 1954 totals as part of product code 2851292, "Other industrial product finishes."

<sup>2</sup>Revised to include data for "Traffic paints in Trade Sales (product code 2851132), included in Industrial Sales in 1954.

<sup>3</sup>Quantities converted from pounds to gallons on the basis of 100 pounds per 8 1/2 gallons.

<sup>4</sup>Product code 2851130 included in product code 2851218 in 1954.

<sup>5</sup>Quantities converted from pounds to gallons on basis of 5 pounds per gallon.

<sup>6</sup>Production figures exclude the quantities produced and consumed in the same plant in the manufacture of other paint products.

<sup>7</sup>Quantities converted from pounds to gallons on basis of 10 pounds per gallon.

<sup>8</sup>Estimated on basis of average for trade sales products.

<sup>9</sup>Not collected separately in 1954. Included in "Other industrial product finishes", code 2851292.

<sup>10</sup>Includes formulated paint vehicles, resins, and other special solutions, pigment dispersions, plastisols, and other semimanufactured paint products.

<sup>11</sup>Estimated on basis of average for industrial product finishes.

<sup>12</sup>Estimated on basis of average for trade sales products and industrial product finishes.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1959

MC(P)-26F-1

### SOFTWOOD DISTILLATION INDUSTRY

(Industry Code 2862--S1C system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Softwood Distillation Industry shipped products valued at \$107 million, an increase of 19 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 11 percent from 1954 to 1958 to a total of 3.9 thousand employees in 1958. Value added by manufacture in the industry amounted to \$52 million in 1958, an increase of 12 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE SOFTWOOD DISTILLATION INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2862)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	3.9	4.4	-11
Payroll.....	Million dollars...	17.3	17.7	-2
Production workers:				
Number.....	Thousands.....	3.2	3.7	-13
Man-hours.....	Millions.....	6.3	7.9	-20
Wages.....	Million dollars...	12.5	13.3	-6
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	50.2	45.4	+6
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	31.6	46.2	-31
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	56.5	42.2	+34
Value of shipments <sup>5</sup> .....	..do.....	106.7	89.7	+19
Capital expenditures, new.....	..do.....	3.2	6.7	-52
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	13	19	-32

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Softwood Distillation Industry includes establishments engaged primarily in softwood distillation, resulting in the production of wood naval stores either by the steam-and-solvent process or by the destructive distillation process. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in The Softwood Distillation Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Softwood Distillation Industry amounted to \$107 million. Of this total, \$70 million were products primary to the industry and \$37 million were products primary to other industries and receipts for miscellaneous activities. The industry shipments of primary products represented 66 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 68 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$76 million of softwood distillation products were shipped by all producers of these products. Of this total, \$70 million, or 93 percent, were shipped by plants classified in Industry 2862, Softwood Distillation while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

# VALUE ADDED BY MANUFACTURING

REAL DOLLARS IN THOUSANDS

Region and State <sup>1</sup>	1950									1954	
	All employees		Production workers			Value added by manufacture		Value of shipments	Capital expenditures, new	No. of establishments with 20 or more employees <sup>2</sup>	Value added by manufacture, unadjusted <sup>3</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)				All employees, number
United States, total.....	1,000,000	100,000	1,000,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Alabama.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Arkansas.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
California.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Colorado.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Connecticut.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Delaware.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
District of Columbia.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Florida.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Georgia.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Idaho.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Illinois.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Indiana.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Iowa.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Kansas.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Kentucky.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Louisiana.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Maine.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Maryland.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Massachusetts.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Michigan.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Minnesota.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Mississippi.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Missouri.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Montana.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Nebraska.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Nevada.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
New Hampshire.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
New Jersey.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
New Mexico.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
New York.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
North Carolina.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
North Dakota.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Ohio.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Oklahoma.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Oregon.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Pennsylvania.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Rhode Island.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
South Carolina.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
South Dakota.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Tennessee.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Texas.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Utah.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Vermont.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Virginia.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Washington.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
West Virginia.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Wisconsin.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Wyoming.....	10,000	1,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000

<sup>1</sup>Employment figures are based on the 1950 Census of Manufacturing and Commerce, and are not comparable with those reported in the 1954 Census of Manufacturing and Commerce. The 1954 figures will appear in the 1954 Census of Manufacturing and Commerce.

<sup>2</sup>Value added by manufacture is reported in thousands of dollars. It is the value of the products produced by the manufacturing establishments, less the value of the materials and services used in the production process. It is not the same as the value of shipments, which includes the value of the products sold by the manufacturing establishments, plus the value of the services provided by the manufacturing establishments.

<sup>3</sup>For example, the value of the products produced by the manufacturing establishments, less the value of the materials and services used in the production process, plus the value of the services provided by the manufacturing establishments.

<sup>4</sup>Excludes the value of the products produced by the manufacturing establishments, less the value of the materials and services used in the production process, plus the value of the services provided by the manufacturing establishments.

<sup>5</sup>Excludes the value of the products produced by the manufacturing establishments, less the value of the materials and services used in the production process, plus the value of the services provided by the manufacturing establishments.

Table 3.—VALUE OF SOFTWOOD DISTILLATION PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Softwood Distillation Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	1958			1954		
			Total production (quantity)	Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2862---	Softwood Distillation, total.....	.....	xxx	xxx	76,081	xxx	xxx	61,775
2862013	Wood turpentine <sup>1</sup> .....	Thousand gallons...	8,742	6,371	4,292	9,776	8,611	4,511
2862023	Pine oil.....	Thousand pounds...	84,476	74,232	9,756	67,879	65,429	7,475
2862031	Wood rosin <sup>2</sup> .....	Thousand drums of 520 pounds.....	1,246	1,065	43,272	1,367	1,223	39,390
2862041	Pine tar and pine tar oil.....	Thousand gallons...	3,767	3,156	1,422	4,371	5,285	7,070
2862051	Charcoal <sup>3</sup> .....	Thousand pounds...	35,611	39,954	1,159	49,551	44,777	800
2862098	Other derivatives of softwood distillation..	.....	xxx	xxx	14,502	xxx	xxx	7,529
2862000	Softwood distillation, not specified by kind .....	.....	xxx	xxx	1,678	xxx	xxx	...

xxx Not applicable.

<sup>1</sup>Excludes data for sulfatewood turpentine. Data for sulfatewood naval stores produced as byproducts in the production of pulp by the sulfate process are classified in Industry 2611, Pulp Mills.

<sup>2</sup>Excludes pinene reported as such.

<sup>3</sup>Includes charcoal manufactured from softwood or sawdust in charcoal kilns and pits.

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

---

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC(P)-28F-2

### HARDWOOD DISTILLATION INDUSTRY

(Industry Code 2861—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Hardwood Distillation Industry shipped products valued at \$21 million, an increase of 29 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 13 percent from 1954 to 1958 to a total of 1.8 thousand employees in 1958. Value added by manufacture in the industry amounted to \$11 million in 1958, an increase of 37 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE HARDWOOD DISTILLATION INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2861)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	1.8	1.6	+13
Payroll.....	Million dollars...	6.4	5.2	+23
Production workers:				
Number.....	Thousands.....	1.5	1.4	+7
Man-hours.....	Millions.....	3.0	2.9	+3
Wages.....	Million dollars...	4.9	4.1	+20
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	10.0	7.4	+35
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	10.7	7.8	+37
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	10.7	8.7	+23
Value of shipments <sup>5</sup> .....	..do.....	20.8	16.1	+29
Capital expenditures, new.....	..do.....	0.8	0.5	+60
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	12	10	+20

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Hardwood Distillation Industry includes establishments engaged primarily in the destructive distillation of hardwood resulting in the production of charcoal and pyroligneous acid or raw liquor. Such establishments may be engaged in further distillation resulting in the production of tars, acids, alcohols, acetic acid and other chemical products. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Hardwood Distillation Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Hardwood Distillation Industry amounted to \$21 million. Of this total, \$19 million were products primary to the industry, \$2 million were products primary to other industries. The industry shipments of primary products represented 89 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 91 percent.

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$19.3 million of hardwood distillation products were shipped by all producers of these products. Of this total, \$18.8 million, or 97 percent, were shipped by plants classified in Industry 2861, Hardwood Distillation, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1956, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE HARDWOOD DISTILLATION INDUSTRY (S.I.C. CODE 1361), BY REGION: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup>	Adjusted <sup>3</sup>					
United States, total.....	1,773	6,445	1,521	3,004	4,900	10,007	10,747	20,755	807	12	1,627	7,419
Northeast and North Central.....	1,096	4,203	945	1,954	3,214	6,155	6,830	13,146	406	7	1,139	4,874
South and West.....	677	2,242	576	1,050	1,686	3,852	3,917	7,609	401	5	488	2,545

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports of all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF HARDWOOD DISTILLATION PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Hardwood Distillation Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	1958			1954		
			Total production (quantity)	Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2861—	Hardwood distillation, total.....	.....	xxx	xxx	19,293	xxx	xxx	14,504
2861011	Acetic acid, natural (basis 100%) <sup>1</sup> .....	Thousand pounds	20,310	18,910	1,715	219,045	18,966	1,689
2861023	Methanol (methyl or wood alcohol) <sup>2</sup> .....	Thousand gallons	21,919	1,820	1,171	21,996	1,850	1,014
2861051	Charcoal <sup>4</sup> .....	Thousand pounds	427,207	428,853	14,706	379,410	335,652	11,129
2861000	Other derivatives of hardwood.....	...do.....	xxx	xxx	1,686	xxx	xxx	672
	distillation and products not specified by kind.....	...do.....	xxx	xxx	1,686	xxx	xxx	672

xxx Not applicable.

<sup>1</sup>Includes glacial acid. In addition, production of synthetic acetic acid totaled 546,155,000 pounds, data for which are compiled by the U. S. Tariff Commission. Data for synthetic acetic acid are included in Industry 2829, Organic Chemicals, n.e.c., product code 2829311.

<sup>2</sup>Production figures represent total primary production including quantities which are subsequently used in producing other modifications.

<sup>3</sup>In addition, production of synthetic methanol totaled 1,422,104,000 pounds, data for which are compiled by the U. S. Tariff Commission. Data for synthetic methanol are included in Industry 2829, Organic Chemicals, n.e.c., product code 2829311.

<sup>4</sup>Includes unspecified amounts of kiln and pit charcoal.

**DEPARTMENT OF COMMERCE**

**BUREAU OF THE CENSUS**

**WASHINGTON 25, D. C.**

**OFFICIAL BUSINESS**

Postage and Fees Paid

U. S. Department of Commerce



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

March 1960

MC (F)-28F-3

### GUM NAVAL STORES INDUSTRY

(Industry Code 2863—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, value added by manufacture in the Gum Naval Stores Industry amounted to \$4 million in 1958, an increase of 24 percent from 1954 when the previous census was taken, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Value of shipments in this industry amounted to \$15 million, a decrease of 31 percent from 1954. Average employment in this industry showed a decrease of 20 percent from 1954 to 1958 to a total of 0.4 thousand employees in 1958. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE GUM NAVAL STORES INDUSTRY IN THE UNITED STATES: 1958 and 1954  
(Standard Industrial Classification Code 2863)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	0.4	0.4	-20
Payroll.....	Million dollars...	1.0	1.3	-23
Production workers:				
Number.....	Thousands.....	0.4	0.4	...
Man-hours.....	Millions.....	0.6	0.9	-33
Wages.....	Million dollars...	0.8	0.9	-11
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	4.0	2.4	+63
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	4.1	3.3	+24
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	11.3	32.9	-51
Value of shipments <sup>5</sup> .....	..do.....	15.2	25.6	-31
Capital expenditures, new.....	..do.....	0.1	(NA)	(NA)
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	7	7	...

NA Not available.

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Included cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Gum Naval Stores Industry includes establishments engaged primarily in the manufacture of turpentine and rosin by the distillation of pine gum. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Gum Naval Stores Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Gum Naval Stores Industry amounted to \$15.2 million. Of this total, \$13 million were products primary to the industry, \$2 million were products primary to other industries, and \$1 million were receipts for miscellaneous activities. The industry shipments of primary products represented 87 percent of the total manufactured

product shipments (primary and secondary). The 1954 ratio was 88 percent.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

# UNITED STATES DEPARTMENT OF COMMERCE

—BUREAU OF ECONOMIC ANALYSIS—

Region and State <sup>1</sup>	1958								1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>
	Number	Payroll (\$1,000)	Number	Man-hours	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>			
				1,000		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
United States.....	1,428,000	1,428,000	1,428,000	1,428,000	1,428,000	1,428,000	1,428,000	1,428,000	1,428,000	1,428,000
Alabama.....	1,428,000	1,428,000	1,428,000	1,428,000	1,428,000	1,428,000	1,428,000	1,428,000	1,428,000	1,428,000

1. Regions and States are defined as follows: New England, Middle Atlantic, South Atlantic, East North Central, West North Central, South West North Central, Mountain, Pacific, New England, Middle Atlantic, South Atlantic, East North Central, West North Central, South West North Central, Mountain, Pacific.

2. Unadjusted value added by manufacture is the value of the products of the manufacturing process, less the value of the materials and services used in the process, and less the value of the change in inventory.

3. Adjusted value added by manufacture is the unadjusted value added by manufacture plus the value of the change in inventory.

4. Value of shipments is the value of the products of the manufacturing process, less the value of the materials and services used in the process, and less the value of the change in inventory.

5. Establishments with 20 or more employees are those establishments which reported such employment in the 1954 report.

Source: Bureau of Economic Analysis, "Value of Shipments," and "Value Added by Manufacture," and "Employment in Manufacturing Industries," 1958 and 1954.

Table 3.—QUANTITY AND VALUE OF GUM NAVAL STORES SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

Includes quantity and value of these products reported in 1958 by establishments classified in the Gum Naval Stores Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments."

Product code	Product	Unit of measure	1958			1954		
			Total production (quantity)	Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2863	Gum naval stores, total.....	.....	417,948	xxx	14,893	xxx	xxx	22,797
2863011	Gum turpentine.....	Thousand bbls. of 5.5 gal.....	89,239	101,834	2,724	168	161	4,249
2863051	Roasin.....	Thousand drums of 520 lbs.....	353,318	354,967	11,737	477	430	17,249
2863000	Other products of gum distillation and products not specified by kind.....	.....	xxx	xxx	432	xxx	xxx	1,299

xxx Not applicable.





# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC (P)-28F-4

### FERTILIZERS INDUSTRIES

(Industry Codes 2871-2872--SIC system in use through 1957)

Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Fertilizers Industries shipped products valued at \$1,056 million, an increase of 9 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 2 percent from 1954 to 1958 to a total of 31.0 thousand employees in 1958. Value added by manufacture in the industry amounted to \$312 million in 1958, an increase of 15 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE FERTILIZERS INDUSTRIES IN THE UNITED STATES: 1958 and 1954  
(Standard Industrial Classification Codes 2871 and 2872)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	31.0	31.7	-2
Payroll.....	Million dollars...	122.7	111.5	+10
Production workers:				
Number.....	Thousands.....	22.4	24.0	-9
Man-hours.....	Millions.....	45.5	53.1	-14
Wages.....	Million dollars...	80.8	76.9	+5
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	288.3	252.4	+14
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	312.0	272.0	+15
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	742.2	731.1	+2
Value of shipments <sup>5</sup> .....	..do.....	1,055.9	1,001.2	+5
Capital expenditures, new.....	..do.....	33.0	46.6	-29
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	408	41.8	-2

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

Industry 2871, Fertilizers, Manufacturing and Mixing, includes establishments engaged primarily in the manufacture of mixed fertilizers (mixtures containing nitrogen, phosphoric oxide ( $P_2O_5$ ), or potash), from one or more fertilizer materials produced in the same establishment.

Industry 2872, Fertilizers, Mixing Only, comprises establishments primarily engaged in mixing fertilizers from purchased fertilizer materials. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include separate industry statistics for Industry 2871 and 2872 classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Fertilizers Industries consisted not only of products described above as primary to each of these industries, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Fertilizers Industries amounted to \$1,056 million. Of this total, \$841 million were products primary to these industries, \$70 million were products primary to other indus-

tries and \$145 million were receipts for resales and for miscellaneous activities. The industries shipments of primary products represented 92 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 97 percent.

The total value of shipments for these industries, which is the total value of receipts of establishments classified in these industries, should be clearly distinguished from the total value of primary products shipped by all producers. The latter figure, appearing in table 3, indicates that \$886 million of fertilizers were shipped by all producers of these products. Of this total, \$841 million, or 94 percent, were shipped by plants classified in Industries 2871 and 2872, Fertilizers, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for these industries will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

U.S. DEPARTMENT OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS, MANUFACTURING INDUSTRIES (C.I.C. CODES 1371 AND 2872), BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>3</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>2</sup> (\$1,000)					
United States, total.....	3,768	122,716	22,423	41,546	80,811	288,354	312,005	1,055,941	32,931	408	31,768	252,422
New England.....	1,231	41,919	4,402	779	1,363	3,992	3,880	18,252	250	7	661	4,970
Middle Atlantic.....	1,331	3,671	1,618	3,249	6,278	17,845	19,684	69,216	2,033	30	2,289	16,084
New Jersey.....	78	4,426	713	1,433	3,037	7,241	7,840	25,128	569	11	1,045	6,882
East North Central.....	1,967	26,007	4,346	9,132	18,224	65,948	69,983	245,261	8,859	76	5,721	60,084
Ohio.....	1,291	9,926	1,635	3,359	6,497	23,697	25,515	82,388	3,573	30	2,062	19,903
Indiana.....	1,115	4,742	885	1,832	3,296	13,205	14,152	53,400	1,692	18	1,026	11,567
Illinois.....	1,661	7,686	1,133	2,450	5,260	18,267	19,211	68,305	2,326	16	1,728	18,927
West North Central.....	1,876	7,323	1,376	2,792	4,900	17,136	19,474	89,776	1,154	26	1,574	18,546
Iowa.....	407	1,980	372	739	1,327	5,277	5,666	25,670	356	8	461	5,115
Missouri.....	628	2,660	432	954	1,686	5,506	5,859	26,414	434	7	515	5,888
South Atlantic.....	13,346	49,278	9,840	19,661	32,755	121,607	129,499	395,474	9,565	173	13,793	94,512
Maryland.....	1,515	6,222	1,078	2,206	4,053	11,490	12,770	45,115	1,308	19	1,571	13,088
Virginia.....	1,981	6,636	1,428	2,634	4,428	13,764	15,013	51,177	1,668	26	1,949	15,624
North Carolina.....	1,871	5,564	1,275	2,321	3,229	10,712	11,023	49,717	715	32	2,162	14,468
Georgia.....	2,189	6,410	1,646	3,054	4,077	10,417	11,560	56,024	666	37	2,771	11,180
Florida.....	4,667	21,159	3,571	7,800	14,815	69,260	72,182	165,550	4,749	40	3,688	31,551
East South Central.....	2,924	9,583	2,306	4,565	6,754	20,958	23,542	89,712	7,701	51	3,194	21,694
Tennessee.....	1,404	3,404	797	1,586	2,443	9,568	9,317	31,975	(D)	15	1,130	9,981
Alabama.....	1,002	3,069	777	1,556	2,154	5,962	6,522	27,467	(D)	19	1,135	5,558
West South Central.....	1,881	7,904	1,330	2,833	5,219	23,188	24,834	79,045	1,367	23	2,600	26,129
Louisiana.....	447	1,561	335	648	1,025	2,179	2,716	11,663	344	7	651	3,511
Texas.....	996	4,804	706	1,516	3,220	18,242	18,809	48,610	1,320	9	1,320	17,032
Mountain.....	831	4,142	550	1,118	2,488	6,162	6,754	19,384	801	4	730	3,754
Pacific.....	1,304	6,329	661	1,417	2,834	11,488	14,355	49,821	1,201	18	1,201	6,644

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Each preceding State not shown separately in the above table was withheld either to avoid disclosing figures for individual companies, in this case, or because the industry was of relatively minor economic importance in the State. (Additional publishable data will appear in the 1958 Census Report on this industry.)<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of inventories without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.<sup>4</sup>For explanation see text under "Value of shipments."<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF PRODUCTS SHIPPED BY ALL MANUFACTURING ESTABLISHMENTS, FOR THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Fertilizers Industries but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	1958			1954		
		Production for all purposes, including further manufacture (short tons)	Total shipments including interplant transfers		Production for all purposes, including further manufacture (short tons)	Total shipments including interplant transfers	
			Quantity (short tons)	Value (\$1,000)		Quantity (short tons)	Value (\$1,000)
2871— 2872—	Fertilizers, total.....	xxx	xxx	885,986	xxx	xxx	855,196
2871—	Mixed fertilizers, complete and incomplete.....	xxx	xxx	716,293	xxx	xxx	707,444
287113 287117	Complete mixtures (grades guaranteeing N, P <sub>2</sub> O <sub>5</sub> , and K <sub>2</sub> O): Shipped in dry form <sup>1</sup> ..... Shipped in liquid form <sup>1</sup> .....	12,648,374 105,443	12,419,938 106,629	588,689 6,171	13,581,033 13,534,479		602,560
	Incomplete mixtures: Grades guaranteeing N and P <sub>2</sub> O <sub>5</sub> only: Shipped in dry form <sup>1</sup> ..... Shipped in liquid form <sup>1</sup> .....	574,499 24,654	559,840 17,091	43,882 859	856,939	669,593	44,999
2871123 2871127 2871131 2871151 2871171 2871100	Grades guaranteeing P <sub>2</sub> O <sub>5</sub> and K <sub>2</sub> O only..... Grades guaranteeing N and K <sub>2</sub> O only..... Grades guaranteeing N, P <sub>2</sub> O <sub>5</sub> or K <sub>2</sub> O only..... Mixed fertilizers, complete and incomplete, not specified by kind.....	663,761 131,663 129,162 xxx	659,237 128,691 127,308 xxx	31,206 7,095 6,309 232,082	778,051 140,956 119,878 xxx	772,270 162,966 118,613 xxx	35,439 8,306 4,129 12,011
28712— 2871251 2871211 2871298 2871200	Fertilizer materials of organic origin..... Processed tankage..... Activated sewage sludge <sup>2</sup> ..... Other natural fertilizer materials <sup>2</sup> ..... Fertilizer materials of organic origin, not specified by kind.....	xxx 80,030 xxx xxx xxx	xxx 80,762 xxx xxx xxx	9,760 4,274 2,932 2,554	xxx 90,126 xxx xxx xxx	xxx 92,106 xxx xxx xxx	12,535 4,547 6,768 1,220
28713—	Superphosphate.....	xxx	xxx	154,764	xxx	xxx	131,315
2871315 2871341 2871371	Superphosphate and other phosphatic fertilizer materials, except feed grades (basis 100% P <sub>2</sub> O <sub>5</sub> ): Normal and enriched (40% P <sub>2</sub> O <sub>5</sub> and less acidulated with H <sub>2</sub> SO <sub>4</sub> and H <sub>3</sub> PO <sub>4</sub> )..... Concentrated (acidulated with H <sub>3</sub> PO <sub>4</sub> alone)..... Other phosphatic fertilizer materials, n.e.c. (including defluorinated superphosphate and phosphate rock, defluori- nated, (feed grade) (100% P) <sup>1</sup> .....	1,299,942 831,044 xxx	683,112 790,234 xxx	63,423 80,734 510,607	51,669,665 890,205 xxx	589,161 473,192 xxx	579,140 48,898 3,277
2871000	Fertilizers, not specified by kind.....	xxx	xxx	5,169	xxx	xxx	3,902

xxx Not applicable.

<sup>1</sup>Codes 287113-17-23-27-31 and 71 include and code 2871371 excludes information for ammonium phosphates and other chemically processed phosphatic fertilizer materials (except superphosphates) which were processed and shipped without mixing with other fertilizer materials. Quantity information on production, shipments, consumption, and stocks of these chemically processed phosphatic fertilizers is shown in the Census publication "Current Industrial Reports" (formerly Facts for Industry) Series M28D, Superphosphate and Other Phosphatic Fertilizers.<sup>2</sup>This figure is largely accounted for by small establishments reporting on "Short forms" which did not require the reporting of detailed information by mixtures.<sup>3</sup>Excludes information from municipalities.<sup>4</sup>Excludes data for garbage tankage and bone meal, products primary to Industry 2886, Grease and Tallow.<sup>5</sup>1958 data for wet-base goods, included with code 2871371, "Other phosphatic fertilizer materials, n.e.c." and for 1954 data for wet-base goods included with code 2871315, "Normal and enriched superphosphate."<sup>6</sup>Production data includes 12,190 short tons of 100% P<sub>2</sub>O<sub>5</sub> for 1958 and 51,800 short tons for 1954, reported by Tennessee Valley Authority.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1960

MC(P)-c8G-1 (Rev.)

### FATTY ACIDS INDUSTRY

(Industry Code 2887—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, value added by manufacture in Fatty Acids Industry amounted to \$20.6 million, a decrease of 14 percent from 1954 when the previous census was taken, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Value of shipments in this industry amounted to \$66.7 million in 1958, an increase of 10 percent over 1954. Average employment in this industry showed a decrease of 18 percent from 1954 to 1958 to a total of 1.6 thousand employees in 1958. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

NOTE ON REVISION: This revision is issued to correct the units of measure shown in the column headings in table 3. The figures, as originally reported, remain unchanged.

Table 1.—GENERAL STATISTICS FOR THE FATTY ACIDS INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2887)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
<b>All employees:</b>				
Number.....	Thousands.....	1.6	1.9	-13
Payroll.....	Million dollars...	9.8	10.3	-5
<b>Production workers:</b>				
Number.....	Thousands.....	1.6	1.9	-13
Man-hours.....	Millions.....	2.1	2.2	-21
Wages.....	Million dollars...	5.8	6.0	-4
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	20.6	21.9	-9
Value added by manufacture, adjusted.....	do.....	20.6	24.0	-14
Cost of materials, fuel, electricity, and contract work.....	do.....	45.2	38.1	+19
Value of shipments <sup>3</sup> .....	do.....	66.7	60.8	+10
Capital expenditures, new.....	do.....	3.5	4.8	-28
Number of establishments with 20 or more employees <sup>4</sup> .....	Number.....	12	12	0

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The fatty Acids Industry includes establishments engaged primarily in the manufacture of fatty acids, such as stearic acid, oleic acid, fish and marine fatty acids, coconut-type fatty acids, and other unsaturated fatty acids fractionated from vegetable and animal oils and fats. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Fatty Acid Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Fatty Acids Industry amounted to \$66.7 million. Of this total, \$43.8 million were products primary to the industry, \$22.9 million were products primary to other industries, resales and receipts for miscellaneous activities. The industry shipments of primary products represented 68 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 68 percent.

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$58.8 million of fatty acids were shipped by all producers of these products. Of this total, \$43.8 million, or 74 percent, were shipped by plants classified in industry 2887, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

# INDUSTRY OF MANUFACTURE

---FATTY ACIDS AND FATTY ACID ESTERS AND ESTERIFIED FATTY ACIDS

---FATTY ACIDS AND FATTY ACID ESTERS AND ESTERIFIED FATTY ACIDS

Region and State <sup>1</sup>	1950										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>2</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>2</sup> (\$1,000)					
United States.....	2,117	2,117	1,141	1,141	1,141	22,534	22,534	10,712	3,490	12	1,704	21,701
Mobile, Alabama.....	217	217	114	114	114	2,700	2,700	1,032	492	4	114	1,141
East North Central.....	1,000	1,000	527	527	527	13,434	13,434	4,671	1,930	5	1,351	17,365
South and West.....	899	899	500	500	500	7,400	7,400	5,009	1,068	3	129	2,195

<sup>1</sup>Includes establishments in the Fatty Acids and Fatty Acid Esters and Esterified Fatty Acids industry, and establishments in other industries making these items as "secondary" products. See text under "Value of shipments".

<sup>2</sup>Value of shipments includes value of shipments to other establishments in the Fatty Acids and Fatty Acid Esters and Esterified Fatty Acids industry, and value of shipments to other industries making these items as "secondary" products. See text under "Value of shipments".

Except for establishments in the Fatty Acids and Fatty Acid Esters and Esterified Fatty Acids industry, the value of shipments reported in this table is for establishments in the Fatty Acids and Fatty Acid Esters and Esterified Fatty Acids industry, and value of shipments to other industries making these items as "secondary" products. See text under "Value of shipments".

## TABLE 1. QUANTITY AND VALUE OF FATTY ACIDS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Fatty Acids Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)
2887---	Fatty acids, total.....	xxx	2,790	xxx	2,271
2887011	Stearic acid (over 90% stearic content), high palmitic	xxx	8,052	6,728	6,918
2887021	Other stearic acid (over 90% stearic content), high palmitic	111,310	15,593	73,134	8,316
2887032	Fish and marine mammal fatty acids.....	xxx	(1)	14,832	2,618
2887041	Coconut-type fatty acids including coconut, babassu and palm kernel and such fractionated fatty acids as lauric, caprylic, capric, and myristic.....	61,966	13,243	32,653	8,395
2887061	Oleic acid, including white oleic and red oil.....	1,753	1,011	85,292	11,986
2887071	Unsaturated animal fatty acids (unhydrogenated), other than oleic.....	xxx	14,046	31,621	2,646
2887081	Unsaturated vegetable fatty acids (unhydrogenated).....	73,440	8,940	89,623	13,554
2887098	Other fatty acids not specified by kind.....	xxx	xxx	xxx	838

xxx Not applicable.

<sup>1</sup>Product code 2887022, fish and marine mammal fatty acids, combined with code 2887071, unsaturated animal fatty acids (unhydrogenated), other than oleic, in order to avoid disclosing figures for individual companies.





# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC (P)-28G-2

### COTTONSEED OIL MILLS

(Industry Code 2881—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in Cottonseed Oil Mills shipped products valued at \$420 million, a decrease of 29 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 40 percent from 1954 to 1958 to a total of 8.3 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$62 million in 1958, a decrease of 45 percent from 1954 when the previous census was taken. Adjusted value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Cottonseed Oil Mills include establishments engaged primarily in manufacturing cottonseed oil and byproduct cake, meal, and linters. Establishments primarily engaged in refining cottonseed oil into edible cooking oils are classified in Industry 2092, Shortening and

Cooking Oils, or Industry 2093, Margarine. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Cottonseed Oil Mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified as Cottonseed Oil Mills amounted to \$420 million. Of this total, \$344 million were products primary to the industry, \$37 million were products primary to other industries, and \$39 million were receipts for miscellaneous activities. The industry shipments of primary products represented 90 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 96 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$376 million of Cottonseed Oil Mills Products were shipped by all producers of these products. Of this total, \$344 million, or 92 percent, were shipped by plants classified in Industry 2881, Cottonseed Oil Mills, while the remainder was shipped by plants classified in other industries.

Monthly data relating to receipts of raw materials and quantities crushed are published by the (Census Bureau) Current Industrial Reports Series M20J, "Vegetable Oil Crushers." Information regarding the consumption of fats and oils by class of product also appears in Current Industrial Reports Series M20K, "Production, Consumption in Selected Products: Factory and Warehouse Stocks." For most of the products shown in table 3, the production figures are in rather close agreement with those compiled and published each month in Current Industrial Reports Series M20 (for a detailed comparison, see Facts for Industry Series M28-1-08, "Animal and Vegetable Fats and Oils," 1958). Differences are attributable mainly to fiscal year reporting by a number of large companies in the 1958 Census of Manufactures. Variations in reporting, minor differences in coverage, and misinterpretation of reporting instructions (the census statistics

for refined oils include some small quantities of cooking oils and salad oils, which should have been reported as such) are other factors affecting comparability of data from the two surveys.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

3

Table 1.—GENERAL STATISTICS FOR THE COTTONSEED OIL MILLS IN THE UNITED STATES: 1958 AND 1954  
Standard Industrial Classification Code

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	8.3	13.7	-40
Payroll.....	Million dollars...	31.1	43.1	-28
Production workers:				
Number.....	Thousands.....	6.3	11.1	-43
Man-hours.....	Millions.....	15.6	27.1	-42
Wages.....	Million dollars...	19.9	29.8	-33
Value added by manufacture, unadjusted <sup>2</sup> .....	.....do.....	69.2	101.2	-32
Value added by manufacture, adjusted <sup>3</sup> .....	.....do.....	61.5	111.7	-45
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	.....do.....	349.0	487.7	-29
Value of shipments <sup>5</sup> .....	.....do.....	419.8	592.3	-29
Capital expenditures, new <sup>6</sup> .....	.....do.....	6.7	11.7	-42
Number of establishments with 20 or more employees <sup>7</sup> .....	Number.....	163	238	-31

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 2.—GENERAL STATISTICS FOR COTTONSEED OIL MILLS (S.I.C. CODE 2881), BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958									1954		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	8,342	31,144	6,284	15,594	19,879	69,226	61,531	419,772	6,679	163	13,665	101,164
South Atlantic.....	1,522	4,724	1,154	2,603	2,865	8,237	8,013	53,617	960	33	2,749	11,033
Georgia.....	627	1,816	480	1,024	1,104	3,034	3,165	21,203	72	13	1,295	4,944
East South Central.....	1,613	5,909	1,148	2,978	3,487	7,355	6,245	61,409	419	35	3,717	26,640
Tennessee.....	533	2,295	369	990	1,301	1,284	2,669	23,112	137	10	1,015	9,163
Alabama.....	384	1,314	279	778	813	2,122	1,393	12,066	29	10	883	3,932
Mississippi.....	696	2,300	500	1,210	1,373	3,949	2,183	26,231	253	15	1,818	13,545
West South Central.....	3,698	12,816	2,896	7,482	8,806	31,060	26,576	205,089	2,122	74	5,301	39,273
Arkansas.....	480	1,808	369	990	1,158	2,783	2,650	25,444	230	10	1,008	7,951
Louisiana.....	369	1,219	283	673	762	2,163	2,086	11,035	14	9	580	3,450
Oklahoma.....	148	516	124	354	395	993	886	8,375	205	4	327	2,618
Texas.....	2,701	9,273	2,120	5,465	6,491	25,121	20,954	160,235	1,673	51	3,385	25,252
California.....	891	4,796	658	1,435	3,055	17,004	14,974	61,895	2,327	10	950	12,353

<sup>1</sup>Each producing State not shown separately in the lower table was withheld either (a) to avoid disclosing figures for individual companies, in this or related industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF COTTONSEED OIL MILL PRODUCTS SHIPPED BY ALL PRODUCERS FOR THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in Cottonseed Oil Mills but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	1958						1954		
		Unit of measure	Production for all purposes, including further manufacture (Quantity)	Total shipments and interplant transfers		Transfers to other plants of your company		Production for all purposes (Quantity)	Total shipments including interplant transfers	
				Quantity	Value (\$1,000)	Quantity	Value (\$1,000)		Quantity	Value
2881---	Cottonseed oil mills, total.....	.....	xxx	xxx	375,731	303,699	41,710	xxx	xxx	559,551
2881011	Cottonseed oil, crude.....	Thousand lb..	1,375,429	1,356,278	162,541	281,522	36,259	1,945,921	1,814,189	240,593
2881021	Cottonseed oil, refined <sup>1</sup> .....	...do.....	1,193,194	438,917	47,722	21,809	3,191	1,686,968	468,442	70,996
2881031	Cake and meal.....	Short tons...	2,092,301	2,244,836	106,960	xxx	xxx	2,770,295	2,676,879	171,674
2881041	Linters.....	Thousand lb..	794,518	802,135	28,641	xxx	xxx	1,123,218	1,067,350	48,939
2881051	Hulls.....	Short tons...	941,054	958,889	12,385	xxx	xxx	1,293,830	1,265,347	18,247
2881098	Other cottonseed oil mill products (including cottonseed meats).....	Thousand lb..	xxx	xxx	10,919	xxx	xxx	xxx	xxx	7,278
2881000	Other cottonseed oil mill products, not specified by kind.....	.....	xxx	xxx	4,956	xxx	xxx	xxx	xxx	1,824

xxx Not applicable.

<sup>1</sup>Oil treated by alkali or caustic wash. Shipment data exclude amounts of these refined oils which have been further processed by bleaching, deodorizing, and/or winterizing, and by hydrogenation. (See Industry 2092, Shortening and Cooking Oils.)



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-28C-3

### LINSEED OIL MILLS

(Industry Code 2882--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, Manufacturers in Linseed Oil Mills shipped products valued at \$110 million, a decrease of 23 percent from 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 15 percent from 1954 to 1958 to a total of 1.1 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$18 million in 1958, an increase of 20 percent from 1954 when the previous census was taken. Adjusted value added is derived by

subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR LINSEED OIL MILLS: 1958 AND 1954  
(Standard Industrial Classification Code 2882)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees				
Number.....	Thousands.....	1.1	1.3	-15
Payroll.....	Million dollars...	6.0	5.6	+7
Production, value:				
Net value.....	Thousands.....	0.9	1.0	-10
Value added.....	Millions.....	1.9	2.5	-24
Adjusted value added.....	Million dollars...	5.0	4.9	+2
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	20.1	16.7	+20
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	17.8	14.8	+20
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	89.8	125.8	-29
Value of shipments <sup>5</sup> .....	do.....	110.0	142.5	-23
Net change in finished products and work-in-process inventories, new.....	do.....	0.9	1.3	-31
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	8	11	-27

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products with no further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>In value of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resale for both years.

<sup>6</sup>Except for Number of establishments with 20 or more employees, the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

This industry comprises establishments primarily engaged in manufacturing linseed oil and byproduct cake and meal. Plants primarily engaged in processing linseed oil (boiled, blown or chemical modified) are also classified in Industry 2882 but those primarily engaged in producing edible cooking oils are classified in Industry 2092, Shortening and Cooking Oils. For a detailed list of primary products of Industry 2882, refer to table 3, product codes 2882011 to 2882051. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as Linseed Oil Mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified as Linseed Oil Mills amounted to \$110 million. Of this total, \$88 million were products primary to the industry, \$17 million were products primary to other industries, and \$5 million were receipts for miscellaneous activities. The industry

shipments of primary products represented 84 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 94 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$91 million of linseed oil products were shipped by all producers of these products. Of this total, \$88 million, or 96 percent, were shipped by plants classified in Industry 2882, Linseed Oil Mills, while the remainder was shipped by plants classified in other industries.

Monthly data relating to receipts of raw materials and quantities crushed are published by the (Census Bureau) Current Industrial Reports Series M20J, "Vegetable Oil Crushers." Information regarding the consumption of fats and oils by class of product also appears in Current Industrial Reports Series M20K, "Production, Consumption in Selected Products: Factory and Warehouse Stocks." For Most of the products shown in table 3, the production figures are in rather close agreement with those compiled and published each month in Current Industrial Reports Series M20 (For a detailed comparison, see Facts for Industry Series M28-1-08, "Animal and Vegetable Fats and Oils, 1958"). Differences are attributable mainly to fiscal year reporting by a number of large companies in the 1958 Census of Manufactures. Variations in reporting, minor differences in coverage, and misinterpretation of reporting instructions (the census statistics for refined oils include some small quantities or cooking oils and salad oils, which should have been reported as such) are other factors affecting comparability of data from the two surveys.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR LINSEED OIL MILLS (S.I.C. CODE 1322) BY REGIONS AND STATES 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup>	Adjusted <sup>3</sup>					
United States, total.....	1,055	5,984	899	1,937	4,995	20,121	17,832	109,975	884	8	1,263	16,479
West North Central.....	814	4,615	697	1,494	3,909	13,717	15,775	91,779	701	5	835	11,652
Minnesota.....	814	4,615	697	1,494	3,909	13,717	15,775	91,779	701	5	835	11,652

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>As stated value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF LINSEED OIL MILL PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified as Linseed Oil Mill but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	1958						1954		
			Production for all purposes including further manufacture (quantity)	Total shipments and interplant transfers		Transfers to other plants of your company		Production for all purposes	Total shipments including interplant transfers		
				Quantity	Value f.o.b. plant (\$1,000)	Quantity	Value f.o.b. plant (\$1,000)		Quantity	Value	
2882—	Linseed oil mills, total.....	.....	xxx	xxx	91,177	72,596	11,160	xxx	xxx	145,937	
2882011	Linseed oil, crude.....	Thousand lbs.	453,529	256,236	36,326	26,598	3,882	652,668	451,414	71,137	
2882031	Linseed oil, processed.....	...do.....	210,209	189,143	26,734	46,038	7,278	247,247	211,695	35,651	
2882051	Cake and meal.....	S. tons.....	449,652	495,806	28,117	...	...	567,897	545,793	39,149	

xxx Not applicable.

<sup>1</sup>Includes data for refined, boiled, blown, heat treated, or chemically modified oil.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-28G-4

### SOYBEAN OIL MILLS

(Industry Code 2883—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in Soybean Oil Mills shipped products valued at \$1,078 million, an increase of 23 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 16 percent from 1954 to 1958 to a total of 8.0 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$138 million in 1958, an increase of 29 percent from 1954 when the previous census was taken. Adjusted value added is derived by

subtracting the cost of materials, fuels, etc., from the value of shipments and adding the net change in finished product and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR SOYBEAN OIL MILLS: 1958 AND 1954

(Standard Industrial Classification Code 2883)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	8.0	6.9	+16
Payroll.....	Million dollars...	41.7	29.5	+41
Production workers:				
Number.....	Thousands.....	5.7	5.4	+6
Man-hours.....	Millions.....	12.9	11.6	+11
Wages.....	Million dollars...	26.9	20.7	+30
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	132.6	106.9	+24
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	137.8	107.2	+29
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	944.1	767.7	+23
Value of shipments <sup>5</sup> .....	..do.....	1,078.2	877.4	+23
Capital expenditures, new.....	..do.....	14.7	8.5	+73
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	83	69	+20

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

Soybean Oil Mills include establishments engaged primarily in manufacturing soybean oil and byproduct cake and meal. Establishments primarily engaged in refining soybean oil into edible cooking oils are classified in Industry 2092, Shortening and Cooking Oils, or Industry 2093, Margarine. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified as the Soybean Oil Mills consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified as Soybean Oil Mills amounted to \$1,078 million. Of this total, \$864 million were products primary to the industry, \$97 million were products primary to other industries, and \$117 million were receipts for miscellaneous activities. The industry shipments of primary products represented 90 percent of the total manufactured

product shipments (primary and secondary). The 1954 ratio was 88 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$916 million of Soybean Oil Products were shipped by all producers of these products. Of this total, \$864 million, or 94 percent, were shipped by plants classified in Industry 2883, Soybean Oil Mills, while the remainder was shipped by plants classified in other industries.

Monthly data relating to receipts of raw materials and quantities crushed are published by the (Census Bureau) Current Industrial Reports Series M20J, "Vegetable Oil Crushers." Information regarding the consumption of fats and oils by class of product also appears in Current Industrial Reports Series M20K, "Production, Consumption in Selected Products: Factory and Warehouse Stocks." For most of the products shown in table 3, the production figures are in rather close agreement with those compiled and published each month in Current Industrial Reports Series M20 (for a detailed comparison, see Facts for Industry Series M28-1-08, "Animal and Vegetable Fats and Oils," 1958). Differences are attributable mainly to fiscal year reporting by a number of large companies in the 1958 Census of Manufactures. Variations in reporting, minor differences in coverage, and misinterpretation of reporting instructions (the census statistics for refined oils include some small quantities of cooking oils and salad oils, which should have been reported as such) are other factors affecting comparability of data from the two surveys.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR THE SOYBEAN OIL MILLS (S. I. C. CODE 2833) BY REGION AND SELECTED STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958									1954		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>3</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>4</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>2</sup> (\$1,000)					
United States, total.....	8,023	41,727	5,684	12,920	26,904	132,632	137,840	1,078,233	14,652	83	6,922	106,938
East North Central.....	4,141	23,530	1,962	6,512	15,643	71,790	72,824	593,441	6,704	27	4,286	65,470
Ohio.....	774	4,070	565	1,222	2,820	12,763	11,988	101,645	1,051	8	808	13,283
Illinois.....	2,680	15,674	1,897	4,203	10,140	47,968	49,237	385,618	2,534	16	2,826	41,402
West North Central.....	1,885	10,441	1,211	2,883	6,261	35,876	36,826	273,394	5,457	27	1,898	22,336
Iowa.....	970	5,445	665	1,613	3,641	21,662	21,963	152,246	4,055	16	1,122	11,534
South.....	1,922	7,350	1,466	3,433	4,841	23,291	26,495	206,587	2,460	27	390	3,494
All other divisions....	75	406	43	92	159	1,675	1,695	4,811	31	2	348	15,636

<sup>1</sup>Some producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this case the industry is in a sensitive area, or (b) because the industry was of relatively minor economic importance in the State. Additional publication details will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF SOYBEAN OIL MILL PRODUCTS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified as Soybean Oil Mill Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	1958				1954			
			Production for all purposes, including further manufacture (quantity)	Total shipments and interplant transfers		Transfers to other plants of your company	Production for all purposes (quantity)	Total shipments including interplant transfers		
				Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value	
2883—	Soybean oil mills, total.....	.....	xxx	xxx	915,827	xxx	94,161	xxx	xxx	762,850
2883011	Soybean oil, crude.....	Thousand lbs.	3,943,166	3,491,148	378,733	421,867	45,030	2,402,615	2,279,958	305,829
2883021	Soybean oil, refined <sup>1</sup> .....	do.....	3,466,677	353,173	43,328	27,644	3,709	2,090,451	224,433	31,998
2883031	Soybean oil, processed <sup>2</sup> .....	do.....	39,371	37,068	3,829	...	...	89,975	84,368	11,718
2883041	Cake and meal.....	Short tons...	8,659,946	8,180,248	467,281	692,760	45,422	5,315,589	5,051,526	390,409
2883051	Soy flour and grits.....	Thousand lbs.	213,552	261,445	15,488	...	...	235,744	200,200	18,399
2883071	Lecithin.....	do.....	32,965	34,082	4,647	...	...	31,066	36,992	4,497
2883098	Other soybean oil mill products.....	.....	xxx	xxx	2,521	...	...	xxx	xxx	...

xxx Not applicable.

<sup>1</sup>Oil treated by alkali or caustic wash. Shipment data exclude amounts of these refined oils which have been further processed by bleaching, deodorizing, and/or winterizing, and by hydrogenation. (See Industry 2092, Shortening and Cooking Oils.)

<sup>2</sup>Includes data for refined, boiled, blown, heat treated, or chemically modified oil.

**1958 CENSUS OF MANUFACTURES  
PUBLICATION PROGRAM**

Following publication of preliminary reports, the results of  
the 1958 Census of Manufactures will be issued as follows:

**Final Industry Reports**

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

**Final Area Reports**

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

**Final Subject Reports**

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound  
volumes of the 1958 Census of Manufactures.

**VOLUME I—SUMMARY STATISTICS**

**VOLUME II—INDUSTRY STATISTICS**

**VOLUME III—AREA STATISTICS**

**Bureau of the Census**

WASHINGTON 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-28G-5

### GREASE AND TALLOW INDUSTRY

(Industry Code 2886--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Grease and Tallow Industry shipped products valued \$326 million, an increase of 38 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 4 percent from 1954 to 1958 to a total of 12 thousand employees in 1958. Adjusted value added by manufacture in the industry amounted to \$124 million in 1958, an increase of 29 percent from 1954 when the previous census was taken. Adjusted value added

is derived by subtracting the cost of materials, fuels, etc., from value of shipments and adding the net change in finished products and work-in-process inventory. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE GREASE AND TALLOW INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2886)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	12.0	11.5	+4
Payroll.....	Million dollars...	58.2	46.6	+25
Production workers:				
Number.....	Thousands.....	8.6	8.5	+1
Man-hours.....	Millions.....	19.5	19.6	-1
Wages.....	Million dollars...	38.6	31.3	+23
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	121.1	95.5	+27
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	124.3	96.6	+29
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	203.1	141.2	+44
Value of shipments <sup>5</sup> .....	..do.....	326.1	256.8	+38
Capital expenditures, new.....	..do.....	9.1	8.1	+12
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	168	144	+17

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories shown the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Grease and Tallow Industry includes establishments engaged primarily in the rendering of inedible grease and tallow from animal fat, bones, and meat scraps. Plants classified in this industry usually render grease and tallow from secondary sources, such as materials from restaurants and butcher shops, and from dead stock. Tankage, meat scraps and bonemeal for feed or fertilizer are important byproducts of the rendering process. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Grease and Tallow Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Grease and Tallow Industry amounted to \$326 million. Of this total, \$264 million were products primary to the industry, \$36 million were products primary to other industries, and \$26 million were receipts for miscellaneous activities. The industry shipments of primary

products represented 88 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 88 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$436 million of grease and tallow were shipped by all producers of these products. Of this total, \$264 million, or 61 percent, were shipped by plants classified in Industry 2886, Grease and Tallow, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and totals for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR THE GREASE AND TALLOW INDUSTRY (S.I.C. CODE 2886) BY REGIONS AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	11,980	58,189	8,639	19,535	38,642	121,061	124,335	326,148	9,102	168	11,466	95,451
New England.....	841	3,460	615	1,321	2,640	7,856	7,998	19,387	522	15	677	7,027
Massachusetts.....	375	1,585	230	512	1,028	3,524	3,578	9,590	171	7	360	3,474
Middle Atlantic.....	2,802	14,895	2,037	4,508	10,066	25,054	26,263	80,387	1,928	28	2,823	21,148
New York.....	1,391	7,639	1,025	2,345	5,314	12,753	13,643	42,044	862	12	1,297	10,629
New Jersey.....	702	3,742	573	1,186	2,866	6,228	6,410	20,867	363	6	673	3,662
Pennsylvania.....	709	3,514	439	977	1,886	6,073	6,210	17,476	703	10	832	6,877
North Central.....	4,123	20,614	2,770	6,549	12,652	47,193	48,373	120,924	2,879	50	4,382	37,434
Ohio.....	691	3,836	398	923	2,140	8,119	8,362	21,302	708	8	710	6,123
Illinois.....	826	4,390	518	1,190	2,454	12,356	12,411	32,843	354	6	840	8,804
Wisconsin.....	245	1,170	195	522	857	2,756	2,837	9,354	142	6	292	2,260
Minnesota.....	298	1,360	243	564	962	3,178	3,128	5,727	305	4	301	2,426
Iowa.....	487	2,132	316	775	1,292	4,402	4,375	12,057	428	6	622	4,771
Kansas.....	136	574	88	217	345	1,461	1,457	2,585	57	2	141	929
South Atlantic.....	1,315	5,386	940	2,102	3,247	11,623	11,887	30,363	1,484	25	1,150	9,088
North Carolina.....	267	881	153	308	451	2,597	2,617	4,986	311	4	277	2,451
Georgia.....	255	1,004	204	443	645	2,486	2,479	7,597	295	6	193	1,665
Florida.....	212	1,070	146	374	568	2,335	2,412	5,071	181	3	182	1,666
East South Central.....	449	1,571	373	731	1,130	3,829	3,872	7,859	342	10	296	1,761
West South Central.....	835	3,028	694	1,668	2,320	6,907	6,857	19,278	623	17	632	4,262
Mountain.....	310	1,481	245	543	1,054	2,801	3,177	7,570	399	5	266	2,585
Pacific.....	1,305	7,754	965	2,113	5,533	15,798	15,908	40,380	925	18	1,238	12,143
California.....	1,138	6,931	843	1,858	4,968	13,680	13,722	36,489	792	15	1,044	10,438

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF GREASE AND TALLOW SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Grease and Tallow Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments".)

Product code	Product	Unit of measure	1958		1954		
			Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers	
			Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2886---	Grease and tallow, total.....	.....	(NA)	436,220	xxx	xxx	356,184
2886112	Grease and inedible tallow <sup>1</sup> .....	Thousand lbs....	(NA)	252,584	2,873,102	2,862,442	181,570
28862--	Feed and fertilizer by products.....	.....	(NA)	175,091	xxx	xxx	169,673
	Animal refuse and garbage tankage:						
2886211	Wet.....	Short tons.....	(NA)	13,758	396,896	419,974	18,680
2886214	Dry.....	.....do.....	(NA)	45,598	314,466	315,919	28,277
2886223	Meat meal.....	.....do.....	(NA)	85,699	1,006,987	1,010,345	82,692
2886235	Bone meal.....	.....do.....	(NA)	11,935	109,585	116,036	8,058
2886243	Dried blood, etc.....	.....do.....	(NA)	14,372	11,591	117,063	11,783
2886298	All other byproducts.....	.....	(NA)	521	...	...	4,160
2886298	Feed and fertilizer byproducts, not specified by kind.....	.....	(NA)	5,208	xxx	xxx	6,043
2886000	Grease and tallow, not specified by kind.....	.....	(NA)	8,545	xxx	xxx	3,941

NA Not available.

xxx Not applicable.

<sup>1</sup>See Industry 2011, Meat Packing, for information on edible tallow.

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1960

MC(P)-28H-1

### PRINTING INK INDUSTRY

(Industry Code 2891--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Printing Ink Industry shipped products valued at \$223 million, an increase of 21 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 5 percent from 1954 to 1958 to a total of 8.0 thousand employees in 1958. Value added by manufacture in the industry amounted to \$103 million in 1958, an increase of 17 percent from 1954 when the previous

census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE PRINTING INK INDUSTRY IN THE UNITED STATES: 1958 and 1954

(Standard Industrial Classification Code - 2891)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	8.0	7.6	+5
Payroll.....	Million dollars...	45.0	35.7	+26
Production workers:				
Number.....	Thousands.....	5.3	5.3	...
Man-hours.....	Millions.....	11.4	10.7	+6
Wages.....	Million dollars...	26.0	20.7	+26
Value added by manufacture, unadjusted <sup>2</sup> .....	do.....	102.6	87.3	+18
Value added by manufacture, adjusted <sup>3</sup> .....	do.....	103.3	88.3	+17
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	do.....	119.0	95.5	+25
Value of shipments <sup>5</sup> .....	do.....	222.6	183.6	+21
Capital expenditures, new.....	do.....	3.2	6.3	-49
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	93	87	+7

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture in the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Printing Ink Industry includes establishments engaged primarily in the manufacture of printing ink, gravure ink, screen process ink, and lithographic ink. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Printing Ink Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Printing Ink Industry amounted to \$223 million. Of this total, \$199 million were products primary to the industry, \$18 million were products primary to other industries, and \$6 million were for resales and receipts for miscellaneous activities. The industry shipments of primary products represented 91 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 90 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$206 million of printing inks were shipped by all producers of these products. Of this total, \$199 million, or 97 percent, were shipped by plants classified in Industry 2891, Printing Ink while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these report and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

PART 1.—ANNUAL STATISTICS FOR THE PRINTING INK INDUSTRY

Region and State <sup>1</sup>	1958										No. of establishments with 20 or more employees <sup>2</sup>	All employees, number	Value added by manufacture, unadjusted <sup>3</sup> (\$1,000)
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup> (\$1,000)	Capital expenditures, new (\$1,000)				
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>5</sup> (\$1,000)	Adjusted <sup>6</sup> (\$1,000)						
United States, total.....	7,952	45,022	5,373	11,446	25,928	102,607	103,444	102,607	1,744	91	7,952	45,022	102,607
New England.....	149	878	112	268	600	2,131	2,159	2,131	4,447	0	149	878	2,131
Middle Atlantic.....	3,290	19,576	2,242	4,778	11,006	40,805	40,938	40,805	19,873	14	3,290	19,576	40,805
New York.....	1,647	6,754	660	1,558	3,210	9,775	9,810	9,775	19,227	10	1,647	6,754	9,775
New Jersey.....	1,599	9,187	1,146	2,311	5,701	23,162	23,235	23,162	53,659	171	1,599	9,187	23,162
Pennsylvania.....	644	3,635	436	909	2,095	7,868	7,840	7,868	11,927	160	644	3,635	7,868
East North Central.....	2,797	15,126	1,863	3,865	8,804	37,262	37,735	37,262	18,719	1,026	2,797	15,126	37,262
Ohio.....	669	3,535	423	846	1,868	8,389	8,475	8,389	17,652	526	669	3,535	8,389
Illinois.....	1,752	9,674	1,212	2,547	5,869	24,540	24,920	24,540	55,453	446	1,752	9,674	24,540
Michigan.....	227	1,102	145	302	683	2,673	2,644	2,673	5,165	33	227	1,102	2,673
West North Central.....	311	1,851	193	440	943	3,691	3,731	3,691	6,005	180	311	1,851	3,691
Missouri.....	221	1,320	133	322	645	2,362	2,369	2,362	4,606	111	221	1,320	2,362
South Atlantic.....	317	1,753	196	404	800	3,316	3,413	3,316	7,507	266	317	1,753	3,316
East South Central.....	68	328	41	91	182	692	706	692	1,667	(D)	68	328	692
West South Central.....	175	795	110	243	463	2,720	2,768	2,720	5,427	78	175	795	2,720
West.....	845	4,715	616	1,357	3,130	11,990	11,841	11,990	24,001	670	845	4,715	11,990
California.....	760	4,282	558	1,231	2,855	11,197	11,027	11,197	22,067	624	760	4,282	11,197

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual establishments, in Alaska or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publication detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments, including those with less than 20 employees, classified in the industry.

Table 3.—QUANTITY AND VALUE OF PRINTING INK SHIPPED BY ALL PRODUCERS IN THE UNITED STATES 1958 AND 1954.

(Includes quantity and value of these products reported not only by establishments classified in the Printing Ink Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments".)

Product code	Product	1958			1954		
		Total production (1,000 pounds)	Total shipments including interplant transfers		Total production (1,000 pounds)	Total shipments including interplant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)		Quantity (1,000 pounds)	Value (\$1,000)
2891—	Printing Ink, total.....	xxx	xxx	1205,869	xxx	xxx	1172,434
	Letterpress inks:						
2891011	News inks.....	264,724	263,349	19,830	131,234	224,887	23,918
2891013	Book and magazine (publication) inks.....	61,670	60,987	36,918	70,460	67,976	29,598
2891015	Container and label inks.....	47,647	47,921	33,619	41,458	41,580	31,673
2891019	Other letterpress inks.....	11,809	11,642	9,480	19,803	19,576	13,837
2891031	Lithographic and offset inks.....	30,544	30,149	40,687	25,938	25,316	27,970
	Gravure inks:						
2891041	Container and label inks.....	47,164	45,254	17,549	40,839	89,629	18,512
2891049	Other gravure inks.....	12,210	11,557	2,946			
2891071	Textile printing inks.....	19,247	19,267	11,841	17,371	17,215	10,400
2891081	Flexographic inks.....	27,458	27,289	18,638	14,111	14,176	9,320
2891098	Other printing inks (including silk screen and stencil inks)....	17,242	17,054	9,521			
2891000	Printing inks, not specified by kind.....	xxx	xxx	4,680	xxx	xxx	7,834

xxx Not applicable.

<sup>1</sup>Value of interplant transfers amounts to less than 5 percent of total and in no case exceeds 15 percent for any one product.





# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

February 1960

MC(P)-28H-2

### CARBON BLACK INDUSTRY

(Industry Code 2895--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Carbon Black Industry shipped products valued at \$122 million, an increase of 19 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 3 percent from 1954 to 1958 to a total of 3.3 thousand employees in 1958. Value added by manufacture in the industry amounted to \$74 million in 1958, an increase of 23 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE CARBON BLACK INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code-2895)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
<b>All employees:</b>				
Number.....	Thousands.....	3.3	3.4	-3
Payroll.....	Million dollars...	19.2	16.4	+17
<b>Production workers:</b>				
Number.....	Thousands.....	2.7	2.8	-4
Man-hours.....	Millions.....	5.8	6.1	-5
Wages.....	Million dollars...	15.1	13.0	+16
Value added by manufacture, unadjusted <sup>2</sup> .....	..dO.....	73.8	62.4	+18
Value added by manufacture, adjusted <sup>3</sup> .....	..dO.....	74.1	60.3	+23
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..dO.....	48.0	39.5	+21
Value of shipments <sup>5</sup> .....	..dO.....	121.8	101.9	+19
Capital expenditures, new.....	..dO.....	4.6	10.6	-57
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	34	37	-8

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C. and U.S. Department of Commerce Field Offices. 10 cents  
Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Carbon Black Industry includes establishments engaged primarily in the manufacture of carbon black (channel and furnace black), bone black, and lamp black. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Carbon Black Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Carbon Black Industry amounted to \$122 million. Of this total, \$121 million were products primary to the industry, and \$1 million were products primary to other industries, and receipts for miscellaneous activities. The industry shipments of primary products represented 99 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 100 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$123 million of carbon black were shipped by all producers of these products. Of this total, \$121 million, or 98 percent, were shipped by plants classified in Industry 2895, Carbon Black while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh Census of Manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

Table 2.—GENERAL STATISTICS FOR THE CARBON BLACK INDUSTRY (S.I.C. CODE 2895, BY REGION AND STATE)

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	#ages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	3,278	19,159	2,723	5,827	15,138	73,835	74,080	121,843	4,017	34	3,410	42,444
Louisiana.....	928	5,146	789	1,668	4,148	21,173	21,289	32,515	1,811	8	859	14,014
Texas.....	1,793	10,691	1,458	3,102	8,261	39,181	39,024	67,090	2,557	18	1,923	38,396
All other States.....	557	3,322	476	1,057	2,729	13,481	13,767	22,238	249	8	627	10,015

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in the case of small industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

Table 3.—VALUE OF CARBON BLACKS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Carbon Black Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	1958			1954		
		Production for all purposes (1,000 pounds)	Total shipments including interplant transfers		Production for all purposes (1,000 pounds)	Total shipments including interplant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)		Quantity (1,000 pounds)	Value (\$1,000)
2895—	Carbon black, total.....	xxx	xxx	122,812	xxx	xxx	102,833
2895111	Carbon black (channel and furnace processes only) <sup>1</sup> .....	1,646,074	1,677,173	119,095	1,442,926	1,484,640	99,446
28952	Other blacks (excluding activated carbon and charcoal).....	29,329	29,715	3,717	xxx	xxx	3,387
2895211	Bone black.....	22,941	23,006	2,663	19,421	19,941	2,226
2895200	Lump black and carbon blacks not specified by kind (excluding activated carbon and charcoal).....	xxx	xxx	1,054	xxx	xxx	1,161

<sup>1</sup>For 1958, the United States Bureau of Mines reported that 1,644,605,000 pounds of carbon black were produced; 324,743,000 by the contact process, and 1,319,862,000 by the furnace process. The corresponding 1954 figures are 378,741,000 pounds by contact process and 1,409,547,000 pounds by the furnace process. For additional detail see Minerals Yearbook (Bureau of Mines).





# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC(P)-28H-3

### GLUE AND GELATIN INDUSTRY

(Industry Code 2894—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Glue and Gelatin Industry shipped products valued at \$194 million, an increase of 29 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry, at a total of 6.8 thousand employees in 1958, showed no change from 1954 to 1958. Value added by manufacture in the industry amounted to \$84 million in 1958, an increase of 24 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE GLUE AND GELATIN INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2894)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	6.8	6.8	0
Payroll.....	Million dollars...	36.2	29.2	+24
Production workers:				
Number.....	Thousands.....	4.4	4.8	-8
Man-hours.....	Millions.....	9.1	9.4	-3
Wages.....	Million dollars...	20.9	17.7	+18
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	83.3	64.8	+29
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	84.4	67.8	+24
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	109.4	83.5	+31
Value of shipments <sup>5</sup> .....	..do.....	193.9	150.3	+29
Capital expenditures, new.....	..do.....	6.4	2.1	+111
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	77	69	+12

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Glue and Gelatin Industry includes establishments engaged primarily in the manufacture of (1) industrial and household adhesives, glues, and cements from vegetable or animal materials including purchased casein and synthetic resins; and (2) edible, technical, photographic, or pharmaceutical gelatins from animal material. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Glue and Gelatin Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Glue and Gelatin Industry amounted to \$194 million. Of this total, \$161 million were products primary to the industry, \$22 million were products primary to other industries, and \$11 million were receipts for miscellaneous activities. The industry shipments of primary products represented 88 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 87 percent.

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$224 million of glues and gelatins were shipped by all producers of these products. Of this total, \$161 million, or 72 percent, were shipped by plants classified in Industry 2894, Glue and Gelatin, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR THE GUM AND GELATIN INDUSTRY (S.I.C. CODE 2844), BY REGION AND STATES: 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup>	Adjusted <sup>3</sup>					
United States, total.....	6,772	36,163	4,444	9,133	20,861	83,339	84,355	193,851	6,402	77	1,713	64,771
New England.....	1,614	9,053	1,081	2,119	5,654	21,051	20,141	43,977	1,887	10	1,653	17,094
Massachusetts.....	1,590	8,926	1,063	2,093	5,588	20,389	19,478	42,851	1,880	10	1,622	16,957
Middle Atlantic.....	2,108	11,231	1,371	2,851	6,009	24,396	24,843	57,951	1,674	24	2,388	22,394
New York.....	917	4,802	634	1,271	2,798	9,398	10,005	23,320	635	10	1,062	9,640
New Jersey.....	701	3,128	483	1,074	2,184	9,307	9,869	23,851	850	7	626	7,980
Pennsylvania.....	490	2,791	254	506	1,027	5,129	4,971	10,780	189	7	699	5,374
East North Central.....	1,925	9,788	1,303	2,779	5,973	21,823	22,648	47,821	1,349	25	1,850	16,749
Ohio.....	255	1,440	133	252	520	2,806	2,905	7,378	77	7	225	1,726
Illinois.....	1,023	5,394	645	1,408	3,117	12,100	12,358	27,065	751	12	1,001	9,711
West North Central.....	192	1,097	130	261	578	2,304	2,645	6,750	212	5	229	1,809
South.....	254	1,207	163	293	592	3,116	3,146	9,447	154	3	215	1,970
West.....	679	3,887	396	830	2,055	10,649	10,932	27,905	1,126	10	416	4,753

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

## 1958 CENSUS OF MANUFACTURES

Table 3.—QUANTITY AND VALUE OF GLUE AND GELATIN SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Glue and Gelatin Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	1958			1954		
		Production for all purposes (1,000 pounds)	Total shipments including interplant transfers		Production for all purposes (1,000 pounds)	Total shipments including interplant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)		Quantity (1,000 pounds)	Value (\$1,000)
2894—	Glue and gelatin, total.....	xxx	xxx	223,567	xxx	xxx	180,224
28941—	Glues and adhesives.....	xxx	xxx	170,719	xxx	xxx	136,083
	Animal glue (dry forms):						
2894111	Hide.....	52,363	51,721	13,188	52,384	46,035	13,261
2894113	Extracted bone.....	14,687	13,731	2,092	14,031	15,116	2,707
2894115	Green bone.....	41,873	40,416	7,375	42,825	45,151	7,631
2894121	Flexible and nonwarp glue.....	37,745	37,342	6,819	27,855	27,748	5,446
2894131	Liquid glue (not glue stock).....	11,846	11,794	2,506	13,577	13,251	4,208
	Protein adhesives:						
2894141	Casein adhesives.....	35,126	34,289	4,997	4,726	4,753	1,104
2894145	Other (including blood, albumen, soybean, etc.).....	94,057	92,380	9,667	52,368	51,727	6,187
	Vegetable adhesives:						
2894151	Dextrines.....	152,522	150,163	15,597	180,279	177,159	20,003
2894155	Starches.....	47,809	47,291	5,194	64,540	64,226	6,770
	Other adhesives, glues, and cements:						
	Lacquer base adhesives:						
2894161	Nitro cellulose types (collodion and pyroxylin).....	4,257	4,257	1,326	9,534	9,582	4,075
2894165	Other.....	3,370	3,387	921	3,840	3,835	802
2894171	Synthetic resin adhesives made from purchased resins (including all types of bonding and laminating adhesives) <sup>2</sup>	239,983	233,600	45,978	147,552	146,053	24,496 (3)
2894173	Rubber and synthetic resin combinations.....	78,328	77,581	19,013	xxx	xxx	xxx
2894175	Adhesives made from natural gums and resins, except rubber.	23,376	22,944	4,900	25,779	25,415	3,332
2894177	Mucilage.....	3,133	3,196	937	12,173	12,161	1,942
2894179	Other formulated and prepared adhesives other than rubber cement.....	151,368	145,690	16,109	76,599	77,836	13,938
2894183	Cements, furnace, porcelain, etc. other than rubber cement.	37,242	37,112	5,584	127,297	120,960	11,758
2894100	Glues and adhesives, not specified by kind.....	xxx	xxx	8,516	xxx	xxx	8,423
28942—	Gelatin, except ready-to-mix desserts.....	xxx	xxx	51,980	xxx	xxx	43,926
2894211	Edible (excluding pharmaceutical and photographic).....	42,032	42,670	29,258	35,317	34,187	22,472
2894231	Pharmaceutical grade.....	3,676	3,836	3,045	3,527	3,608	2,587
2894251	Photographic grade.....	8,709	6,892	8,183	9,065	7,305	8,308
2894271	Technical (inedible) grade.....	2,483	1,822	700	2,295	2,074	813
2894298	Other gelatin products <sup>3</sup> .....	xxx	xxx	10,794	xxx	xxx	9,746
2894000	Glue and gelatin, not specified by kind.....	xxx	xxx	868	xxx	xxx	215

xxx Not applicable.

<sup>1</sup>See Industry 2823 "Plastics Materials" for addition figures on synthetic resins for adhesives.<sup>2</sup>Includes information principally for unfilled capsules and gelatin sheets for theatrical use.<sup>3</sup>Figures were not reported separately in 1954 but were included in Product code 2894171, Synthetic resin adhesives or in Industry 3099, Rubber Industries, N.E.C., Product codes 3099564 or 3099565, Rubber cements.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC (P) -28H-4

### COMPRESSED AND LIQUEFIED GASES INDUSTRY

(Industry Code 2896—SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Compressed and Liquefied Gases Industry shipped products valued at \$276 million, an increase of 37 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of less than 1 percent from 1954 to 1958 to a total of 10.4 thousand employees in 1958. Value added by manufacture in the industry amounted to \$173 million in 1958, an increase of 42 percent from

1954 when the previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE COMPRESSED AND LIQUEFIED GASES INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	10.4	10.4	...
Payroll.....	Million dollars...	56.0	44.1	+27
Production workers:				
Number.....	Thousands.....	5.7	6.3	-10
Man-hours.....	Millions.....	12.6	13.1	-4
Wages.....	Million dollars...	30.1	25.3	+19
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	155.9	111.3	+40
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	173.3	121.8	+42
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	102.9	78.7	+31
Value of shipments <sup>5</sup> .....	..do.....	275.9	200.8	+37
Capital expenditures, new.....	..do.....	39.2	19.8	+98
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	174	156	+12

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Compressed and Liquefied Gases Industry includes establishments engaged primarily in the manufacture of gases for sale in compressed, liquid, and solid form, such as acetylene, carbon dioxide (dry ice), nitrous oxide, and elemental gases such as argon, hydrogen, nitrogen and oxygen. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Compressed and Liquefied Gases Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries) and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Compressed and Liquefied Gases Industry amounted to \$276 million. Of this total, \$222 million were products primary to the industry, \$7 million were products primary to other industries, and \$47 million were receipts for miscellaneous activities. The industry shipments of primary products represented 97 percent of

the total manufactured product shipments (primary and secondary). The 1954 ratio was 99 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$264 million of compressed and liquefied gases were shipped by all producers of these products. Of this total, \$223 million, or 84 percent, were shipped by plants classified in Industry 2896, Compressed and Liquefied Gases, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

Table 1.—GENERAL STATISTICS FOR THE MANUFACTURING AND LIQUOR BEVERAGES INDUSTRY (S.I.C. CODE 2000), REGIONAL AND STATES, 1958 AND 1954

Region and State <sup>1</sup>	1958										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	13,438	56,630	5,714	12,583	30,140	155,905	173,255	275,868	39,177	174	10,363	111,254
New England.....	383	1,543	188	417	990	7,301	7,684	5,820	3,046	7	308	2,773
Massachusetts.....	293	1,579	146	321	790	2,522	2,816	4,373	2,950	6	259	2,230
Middle Atlantic.....	2,306	12,330	1,267	2,729	6,656	40,969	44,385	62,534	3,400	38	1,539	31,391
New York.....	1,038	5,084	504	1,020	1,018	5,192	5,799	7,828	238	7	470	5,364
New Jersey.....	771	4,108	406	908	2,195	12,306	13,723	20,096	1,424	12	916	9,554
Pennsylvania.....	1,123	6,138	657	1,401	3,444	23,471	24,862	34,610	2,110	19	1,152	16,472
East North Central.....	2,245	13,010	1,104	2,581	6,553	39,385	44,310	68,776	12,019	39	2,139	29,056
Ohio.....	854	4,530	396	853	2,049	12,415	14,751	22,658	6,045	18	748	8,990
Indiana.....	392	2,254	231	485	1,352	7,122	7,684	12,090	(D)	5	445	4,974
Illinois.....	582	3,477	287	673	1,673	13,511	14,819	18,863	3,112	9	520	10,144
Michigan.....	373	2,210	182	414	1,102	5,340	5,849	12,472	226	5	337	3,719
West North Central.....	608	3,215	318	685	1,622	8,103	8,841	13,860	2,375	13	689	6,768
Missouri.....	194	1,017	126	274	650	2,904	2,909	4,016	465	5	270	2,708
Kansas.....	113	615	49	115	261	1,421	1,547	2,538	180	3	176	1,736
South Atlantic.....	1,174	5,562	637	1,447	3,049	12,785	14,560	27,095	2,435	18	912	8,042
Maryland.....	340	1,360	195	413	820	3,791	4,404	7,731	(D)	6	330	1,815
Georgia.....	109	891	67	156	325	1,886	2,098	3,225	(D)	3	170	1,259
Florida.....	343	1,810	225	540	1,174	2,761	3,140	5,286	120	4	116	1,334
East South Central.....	884	4,613	580	1,276	3,127	13,918	15,214	34,288	720	10	867	5,694
West South Central.....	1,046	5,347	497	1,138	2,479	11,838	13,188	19,429	1,587	20	1,147	10,137
Louisiana.....	258	1,187	133	269	578	2,460	2,673	3,989	330	7	267	2,285
Texas.....	626	3,407	316	748	1,651	8,049	8,879	13,017	1,192	9	719	6,572
Mountain.....	415	2,137	214	451	1,064	3,714	4,384	7,136	677	6	427	3,208
Pacific.....	1,377	7,773	849	1,859	4,600	21,892	24,689	36,930	12,918	23	1,334	14,179
Washington.....	197	993	97	213	271	2,154	2,590	4,325	(D)	4	217	2,157
Oregon.....	147	859	69	144	294	1,553	1,903	2,791	(D)	2	155	1,097
California.....	1,033	5,921	683	1,502	3,835	18,185	20,196	29,814	12,166	17	961	10,924

<sup>1</sup>Each producing State not shown separately in the above table was withheld, either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments including those with less than 20 employees classified in the industry.

Table 3.—QUANTITY AND VALUE OF COMPRESSED AND LIQUEFIED GASES SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Compressed and Liquefied Gases Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	Unit of measure	1958 <sup>1</sup>						1954							
			Production	Shipments, including interplant transfers				Production	Shipments, including interplant transfers							
				Total		Shipped as gas			Shipped as liquid		Total		Shipped as gas		Shipped as liquid	
				Quantity	Value (\$1,000)	Quantity	Value (\$1,000)		Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2896---	Compressed and liquefied gases, total.....	.....	xxx	264,466	xxx	xxx	xxx	xxx	xxx	2195,390	xxx	xxx	xxx	xxx		
28961--	Elemental gases.....	.....	xxx	123,070	xxx	xxx	xxx	xxx	xxx	279,716	xxx	xxx	xxx	xxx		
2896115	Argon, refined.....	mil. cu. ft.	378	13,377	(D)	(D)	(D)	(D)	*202	172	6,499	(NA)	(NA)	(NA)		
---	Helium <sup>3</sup> .....	cu. ft.	324	9,188	(NA)	(NA)	(NA)	(NA)	191	190	5,972	(NA)	(NA)	(NA)		
2896123	Hydrogen.....	do.	444,073	12,171	512,171	1,388	1,388	(3)	4,277,759	1,255	5,972	(NA)	(NA)	(NA)		
2897125	Electrolytic.....	do.	11,542	7,387	1,801	1,801	1,801	(3)	18,270	2,009	7,237	(NA)	(NA)	(NA)		
2896143	From other sources.....	do.	32,531	4,570	1,801	1,801	1,801	(3)	18,270	2,009	7,237	(NA)	(NA)	(NA)		
2896143	Nitrogen, high purity (99.5-100%).....	do.	32,531	4,570	1,801	1,801	1,801	(3)	18,270	2,009	7,237	(NA)	(NA)	(NA)		
2896143	Oxygen, high purity (99.5-100%).....	do.	66,656	16,979	1,798	8,114	3,848	8,863	62,373	21,337	55,802	7,365	42,910	13,972		
2896151	Oxygen, high purity (99.5-100%).....	do.	736,088	33,478	79,795	16,261	24,815	24,815	722,108	21,337	55,802	7,365	42,910	13,972		
2896151	Electrolytic process.....	do.	605	437	2,755	5,457	5,457	(3)	22,398	265	1,615	265	1,615	265		
2896154	Liquefaction process.....	do.	35,483	77,040	16,760	52,225	16,261	24,815	21,710	21,072	54,187	7,100	41,295	13,972		
2896198	Other elemental gases, including rare nitrogen, argon (trade), and torrage oxygen.....	do.	xxx	3,753	xxx	xxx	xxx	xxx	xxx	xxx	4,206	xxx	xxx	xxx		
28962--	Acetylene.....	do.	810,239	7,146	89,199	xxx	xxx	xxx	86,390	5,129	64,550	xxx	xxx	xxx		
28963--	Carbon dioxide.....	do.	905,712	740,690	45,907	xxx	xxx	xxx	974,611	589,226	11,545	xxx	xxx	xxx		
2896311	Liquid or gas.....	tons	238,361	280,866	17,695	xxx	xxx	xxx	919,395	530,966	31,900	xxx	xxx	xxx		
2896331	Solid (dry ice).....	do.	9,671,351	459,824	28,212	xxx	xxx	xxx	9,559,220	530,966	31,900	xxx	xxx	xxx		
28964--	Other compressed and liquefied gases.....	do.	xxx	6,290	xxx	xxx	xxx	xxx	xxx	xxx	7,679	xxx	xxx	xxx		
2896471	Nitrous oxide.....	1,000 gallons	416,060	409,616	4,364	xxx	xxx	xxx	303,817	301,817	3,124	xxx	xxx	xxx		
2896498	Other compressed and liquefied gases, n.e.c.....	S.T.P.	xxx	1,926	xxx	xxx	xxx	xxx	xxx	xxx	4,555	xxx	xxx	xxx		

<sup>1</sup> Revised.

NA Not available.

xxx Not applicable.

D Withheld to avoid disclosing figures for individual companies.

Source of 1958 data: Facts for Industry series M284-08 (Supplement 2) "Compressed and Liquefied Gases 1958."

Excludes value for helium, all of which is produced in Government-owned plants.

Excludes Bureau of Mines, U. S. Department of Interior.

Excludes plants consuming this gas, and amounts produced and consumed in the manufacture of synthetic ammonia or ammonia derivatives.

plant transfer to plants consuming this gas, and amounts produced and consumed in the manufacture of synthetic ammonia or ammonia derivatives.

Small amount shipped as liquid included in gas data, and not shown separately to avoid disclosing operations of individual companies.

Excludes amounts produced and consumed in the manufacture of synthetic ammonia or ammonia derivatives.

In addition the following amounts of "orange oxygen" were produced: 1,187,837 short tons in 1958, and 463,095 short tons in 1954. These quantities exclude the amounts produced and consumed in the manufacture of ammonia.

Includes 6,232 million cu. ft. in 1958 produced for chemical synthesis. 1954 figure also includes amounts produced for chemical synthesis. Excludes information from railroad shops, shipyards, welding shops and small establishments using portable generators.

Excludes production of liquid and gas CO<sub>2</sub> converted to and reported as dry ice and also amounts converted from pure CO<sub>2</sub> (liquid or solid) purchased or received from other plants. Also excludes quantities produced and consumed in plants manufacturing soda ash.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

April 1960

MC (P) -28H-5

### INSECTICIDES AND FUNGICIDES INDUSTRY

(Industry Code 2897--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Insecticides and Fungicides Industry shipped products valued at \$271 million, an increase of 23 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed a decrease of 1 percent from 1954 to 1958 to a total of 6.4 thousand employees in 1958. Value added by manufacture in the industry amounted to \$80 million in 1958, an increase of 13 percent from 1954 when the

previous census was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.—GENERAL STATISTICS FOR THE INSECTICIDES AND FUNGICIDES INDUSTRY IN THE UNITED STATES: 1958 AND 1954  
(Standard Industrial Classification Code 2897)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	6.4	6.5	-1
Payroll.....	Million dollars...	29.7	25.2	+18
Production workers:				
Number.....	Thousands.....	4.1	4.3	-5
Man-hours.....	Millions.....	8.2	8.2	..
Wages.....	Million dollars...	14.7	13.2	+11
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	70.6	62.1	+14
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	80.3	71.3	+13
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	191.2	148.7	+29
Value of shipments <sup>5</sup> .....	..do.....	271.0	220.5	+23
Capital expenditures, new.....	..do.....	5.5	3.0	+83
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	87	78	+11

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resale for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Insecticides and Fungicides Industry includes establishments engaged primarily in the manufacture of inorganic insecticides such as copper, calcium, and lead arsenates, paris green and sulfur dust; organic insecticides such as rotenone, pyrethrum, and nicotine-bearing insecticides; and miscellaneous insecticides such as organic thiocyanates, and D.D.T.; and copper and sulfur fungicides. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Insecticides and Fungicides Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Insecticides and Fungicides Industry amounted to \$271 million. Of this total, \$210 million were products primary to the industry, \$20 million were products primary to other industries, and \$41 million were receipts for miscellaneous activities. The industry shipments of primary products represented 91 percent of

the total manufactured product shipments (primary and secondary). The 1954 ratio was 84 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$286 million of insecticides and fungicides were shipped by all producers of these products. Of this total, \$210 million, or 70 percent, were shipped by plants classified in Industry 2897, Insecticides and Fungicides, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final State reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight.

## 1958 CENSUS OF MANUFACTURES

3

Table 1.—GENERAL STATISTICS FOR THE INSTRUMENTS AND FURNISHINGS INDUSTRY (S.I.C. CODE 36-37), BY REGION AND STATE: 1948 AND 1954

Region and State <sup>1</sup>	1956										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>2</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	9,391	13,800	4,100	1,100	1,100	7,310	8,310	20,998	5,494	8	6,510	62,699
New England.....	77	100	30	100	100	599	639	2,980	67	1	89	467
Middle Atlantic.....	300	400	100	300	1,000	1,000	7,000	20,250	295	8	974	4,118
New Jersey.....	200	1,000	200	1,000	1,000	4,195	4,761	18,781	231	5	303	2,000
North Central.....	400	4,000	100	1,000	1,000	9,426	1,138	33,300	2,343	14	560	4,286
South Atlantic.....	1,000	1,000	1,000	1,000	3,100	8,892	9,981	66,364	351	21	1,533	14,672
Maryland.....	100	100	100	100	100	1,408	1,957	1,957	22	4	475	5,639
Virginia.....	43	100	43	43	43	974	813	2,245	16	1	190	884
North Carolina.....	136	100	136	136	136	1,127	1,339	5,981	73	2	160	646
Georgia.....	490	1,000	490	1,100	1,100	1,613	2,221	17,710	4	98	212	2,661
Florida.....	44	1,011	44	687	957	2,381	2,772	2,221	120	8	411	4,266
East South Central.....	304	1,000	304	400	617	3,997	4,117	16,258	605	8	478	4,702
Alabama.....	100	100	100	126	105	395	347	2,739	51	2	117	819
Mississippi.....	130	400	130	192	23	1,403	1,837	8,716	32	3	164	1,178
West South Central.....	893	3,904	893	1,230	2,248	9,330	1,739	41,587	700	14	1,142	11,933
Louisiana.....	44	100	44	85	128	339	441	3,445	5	1	166	1,464
Texas.....	800	3,500	800	1,100	1,847	8,713	9,969	36,160	744	13	854	9,824
Mountain.....	680	3,700	424	831	1,976	17,342	2,1276	29,251	420	4	691	12,000
Pacific.....	1,256	6,330	742	1,260	2,919	13,353	16,485	57,995	647	18	1,043	9,970
California.....	1,128	5,817	654	1,136	2,605	12,022	15,336	52,346	635	16	939	9,222

<sup>1</sup>Exec. products: State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. Additional publishable detail will appear in the final Census report on this industry.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments, including those with less than 20 employees) classified in the industry.

Table 3.—QUANTITY AND VALUE OF INSECTICIDES AND FUNGICIDES SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Insecticides and Fungicides Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	1958			1954		
			Total production (quantity)	Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2897---	Insecticides and fungicides, total.....	.....	xxx	xxx	285,538	xxx	xxx	177,956
	Insecticidal and fungicidal preparations (formulations) primarily for agricultural use:							
	Arsenical preparations:							
2897011	Lead arsenate, acid and basic.....	Thousand pounds...	14,938	13,862	3,070	15,648	13,520	2,923
2897015	Calcium arsenate, commercial.....	...do.....	10,432	7,366	502	2,758	2,414	183
2897019	70% $\text{Ca}_3(\text{AsO}_4)_2$ .....	...do.....						
	Other arsenical insecticides and fungicides (including paris green and other copper arsenicals or mixtures containing arsenicals and excluding weed killers).....	...do.....	14,352	13,987	2,030	14,029	13,408	1,312
	Sulfur-containing preparations:							
2897021	Wettable sulfur and sulfur dust.....	...do.....	231,220	235,348	11,222	313,006	311,079	9,309
2897023	Other sulfur-containing preparations, including lime sulfur.....	...do.....	52,455	53,212	3,352	xxx	xxx	4,065
2897031	Copper-containing dry preparations, including dry Bordeaux mixture (excluding Paris green and copper sulfate).....	...do.....	24,541	22,781	2,770	xxx	xxx	1,910
2897051	Benzene hexachloride and/or lindane preparations without D.D.T. (excluding fly sprays).....	...do.....	60,262	63,176	10,790	60,525	51,456	10,482
	D.D.T.-containing preparations (excluding aerosols and fly sprays):							
2897061	Preparations containing D.D.T. as the active ingredient.....	...do.....	207,235	209,866	27,888	186,792	178,702	28,143
2897063	Preparations of D.D.T. and other toxicants.....	...do.....	122,944	121,357	13,353	159,388	149,517	15,099
2897071	Chlorinated hydrocarbon pesticidal preparations other than those containing benzene hexachloride or D.D.T. (excluding fly sprays and aerosols).....	...do.....	265,952	250,019	72,204	122,502	120,301	31,309
2897073	Organic phosphate containing pesticidal preparations (excluding fly sprays and aerosols).....	...do.....	92,144	95,117	26,984	45,665	44,751	11,881
	Petroleum oil sprays (excluding fly sprays and aerosols):							
2897077	Oil sprays and emulsions without other toxicants.....	Thousand gallons..	11,198	11,993	3,760	14,598	14,661	4,386
2897079	Oil sprays containing other toxicants.....	...do.....	7,992	7,566	8,499	3,955	4,180	6,578
2897081	Other insecticidal preparations for agricultural use.....	Thousand pounds...	xxx	xxx	15,835	xxx	xxx	18,802
2897082	Botanical and other concentrates including nicotine sulfate, rotenone, pyrethrum etc.).....	...do.....	xxx	xxx	8,361	xxx	xxx	(1)
2897087	Seed treatment compounds insecticides fungicides and inoculants.....	...do.....	9,144	8,915	6,873	49,643	45,567	15,217
2897091	Other fungicidal preparations for agricultural use.....	...do.....	67,468	67,930	28,802			
2897095	Rotenone, pyrethrum, or nicotine sulfate bearing insecticides (excluding fly sprays).....	.....	xxx	xxx	1,766	xxx	xxx	3,223
2897000	Insecticides and fungicides, not specified by kind.....	.....	xxx	xxx	37,477	xxx	xxx	13,134

xxx Not applicable.

(1) Code 2897082 included in code 2897081 in 1954.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-28H-6

### CHEMICAL PRODUCTS, N.E.C., INDUSTRY

(Industry Code 2899--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Chemical Products, Not Elsewhere Classified, Industry shipped products valued at \$903 million, an increase of 57 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 22 percent from 1954 to 1958 to a total of 26.1 thousand employees in 1958. Value added by manufacture in the industry amounted to \$433 million in 1958, an increase of 55 percent from 1954 when the previous census was taken. Value

added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE CHEMICAL PRODUCTS, N.E.C., INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2899)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	26.1	21.4	+22
Payroll.....	Million dollars...	140.6	95.0	+48
Production workers:				
Number.....	Thousands.....	15.2	13.3	+14
Man-hours.....	Millions.....	30.6	25.4	+20
Wages.....	Million dollars...	64.6	45.5	+42
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	413.1	266.6	+55
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	432.5	278.4	+55
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	471.1	298.6	+58
Value of shipments <sup>5</sup> .....	..do.....	903.2	576.1	+57
Capital expenditures, new.....	..do.....	25.0	12.6	+98
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	259	192	+35

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments." Includes value of resales for both years.

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00.

The Chemical Products, N.E.C., Industry includes establishments engaged primarily in the manufacture of miscellaneous chemical products, n.e.c., such as household insecticides and repellents, weed killers, antifreeze and other automotive chemicals, nonpersonal deodorants, sizes, writing and stamp pad inks, water treating compounds, and other industrial chemical specialties. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Chemical Products, N.E.C., Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Chemical Products, N.E.C., Industry amounted to \$903 million. Of this total, \$665 million were products primary to the industry \$141 million were products primary to other industries, and \$97 million were receipts for miscellaneous activities. The industry shipments of primary products represented 82 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 81 percent.

The total value of shipments for the industry, which is the total value of receipts of establishments classified in the industry,

should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$918 million of chemical products, n.e.c., were shipped by all producers of these products. Of this total, \$665 million, or 72 percent, were shipped by plants classified in Industry 2899, Chemical Products, N.E.C., while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

## 1958 CENSUS OF MANUFACTURES

Table 1.--GENERAL STATISTICS FOR THE CHEMICAL PRODUCTS, N.E.C., INDUSTRY (S.I.C. CODE 2899), BY REGION AND STATE: 1958 AND 1954

Region and State <sup>1</sup>	1958									1954		
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, total.....	26,109	140,571	15,256	72,644	64,574	413,050	430,465	903,200	25,020	259	1,411	266,607
New England.....	1,241	5,546	731	1,521	1,427	11,554	11,874	25,776	377	13	1,877	14,613
Massachusetts.....	737	3,456	414	851	1,450	7,079	7,230	14,054	133	8	685	5,729
Connecticut.....	287	1,553	165	342	518	2,351	2,441	7,914	132	2	1,112	8,381
Middle Atlantic.....	7,409	38,510	4,337	8,658	13,722	100,111	106,355	224,035	4,011	78	6,384	78,210
New York.....	3,131	15,716	1,912	3,899	3,509	40,455	45,472	92,185	1,800	27	7,381	29,695
New Jersey.....	2,207	11,359	1,458	2,894	6,453	40,004	40,919	83,572	1,349	30	1,485	22,961
Pennsylvania.....	2,071	11,235	966	1,895	5,960	17,652	19,964	48,280	862	21	2,517	25,614
East North Central.....	8,348	46,507	4,605	8,959	12,654	122,509	126,681	277,453	10,115	75	7,223	85,979
Ohio.....	3,124	18,665	1,504	3,045	5,355	35,806	36,459	80,695	2,651	24	2,765	30,483
Indiana.....	1,076	5,054	509	1,038	2,355	12,518	12,101	30,133	322	4	1,041	8,614
Illinois.....	2,828	15,073	1,560	2,931	5,922	51,402	54,841	118,460	6,331	28	2,512	32,470
Michigan.....	724	4,480	400	815	1,765	15,773	16,389	33,400	366	11	591	10,164
Wisconsin.....	596	3,255	330	690	1,400	7,010	6,911	14,765	245	8	513	4,246
West North Central.....	2,313	12,593	1,264	2,525	5,694	60,637	63,255	108,497	3,395	18	1,573	24,115
Minnesota.....	1,051	6,326	628	1,247	3,110	40,979	40,893	62,279	(D)	2	637	12,069
Missouri.....	963	5,109	466	934	1,911	16,420	19,113	37,223	585	11	808	11,271
South Atlantic.....	1,806	9,819	1,086	2,220	3,855	27,373	28,790	61,760	1,954	20	1,298	16,307
Maryland.....	564	3,316	321	622	1,315	7,568	7,612	17,626	379	6	347	3,731
North Carolina.....	334	1,816	202	426	570	4,271	3,999	8,503	332	2	285	1,745
Georgia.....	569	3,082	343	702	1,267	12,215	12,517	26,198	1,123	9	591	7,984
East South Central.....	1,081	5,629	706	1,518	2,645	19,647	20,693	50,155	1,173	16	498	6,626
Tennessee.....	396	1,901	261	548	813	5,662	6,217	18,243	260	7	249	3,369
West South Central.....	1,894	10,928	1,264	2,573	6,201	45,648	44,596	93,224	2,338	18	891	21,567
West.....	2,013	10,939	1,250	2,644	5,396	27,771	30,219	62,500	1,663	21	...	...
California.....	1,738	9,917	1,095	2,378	4,780	25,192	27,580	54,469	1,126	19	1,482	17,022

<sup>1</sup>Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, in this or associated industries or areas, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>For explanation see text under "Value of shipments."

<sup>5</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



Table 3.--QUANTITY AND VALUE OF CHEMICAL PRODUCTS, N.E.C., SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954

(Includes quantity and value of these products reported not only by establishments classified in the Chemical Products, N.E.C., industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments.")

Product code	Product	Unit of measure	1958			1954		
			Total production (quantity)	Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2899---	Chemical products, n.e.c., total.....	.....	xxx	xxx	918,108	xxx	xxx	596,772
28991--	Household insecticides and repellants, total.....	.....	xxx	xxx	89,878	xxx	xxx	60,635
	Roach, ant, termite and other household insecticides:							
2899112	Aerosols (net weight).....	1,000 pounds.....	xxx	xxx	24,602	19,600	19,587	15,554
2899115	Other.....	.....	xxx	xxx	20,509	xxx	xxx	3,012
2899123	Repellants-insect, animal, bird, and fish. Other insecticidal preparations:	.....	xxx	xxx	892	xxx	xxx	( <sup>1</sup> )
2899132	Moth control agents.....	.....	xxx	xxx	11,757	xxx	xxx	12,874
2899142	Fly sprays.....	1,000 gallons.....	xxx	xxx	8,275	6,662	6,464	11,729
2899161	Animal dips.....	.....	xxx	xxx	905	270	292	377
2899171	Rodent poisons.....	1,000 pounds.....	xxx	xxx	8,269	6,974	6,851	3,544
2899183	Fumigants:							
	Soil.....	.....	1,897	1,755	3,884	9,454	9,430	1,769
	Other (including space).....	..do.....	xxx	xxx	3,725			
2899189	Other household insecticides and repellants.....	.....	xxx	xxx	xxx	xxx	xxx	4,337
2899198	Household insecticides and repellants, not specified by kind.....	.....	xxx	xxx	7,062	xxx	xxx	7,639
2899100	.....	.....	xxx	xxx	xxx	xxx	xxx	xxx
28992--	Weed killers (herbicide preparations), total.....	.....	xxx	xxx	59,122	xxx	xxx	36,344
2899211	Arsenical preparations.....	1,000 pounds.....	46,254	46,681	2,045	xxx	xxx	2,050
2899231	Sodium chlorate preparations.....	..do.....	91,087	90,024	4,623	74,254	74,599	4,559
2899241	2, 4-D (2, 4-dichlorophenoxyacetic acid) and derivatives.....	.....	xxx	xxx	19,198	52,823	48,092	16,408
2899251	2, 4, 5-trichlorophenoxyacetic acid and derivatives.....	..do.....	xxx	xxx	7,852	7,992	8,648	4,339
2899298	Other weed killers (hydrocarbon weed killers, etc.) including defoliant, desiccants, etc.).....	.....	xxx	xxx	22,416	xxx	xxx	7,839
2899200	Weed killers (herbicide preparations), not specified by kind.....	.....	xxx	xxx	2,988	xxx	xxx	1,149
28993--	Chemical specialties, total.....	.....	xxx	xxx	742,141	xxx	xxx	490,571
2899313	Antifreeze preparations and other automotive chemicals <sup>2</sup> .....	.....	xxx	xxx	76,817	xxx	xxx	34,568
2899315		.....	xxx	xxx	56,098	xxx	xxx	34,732
2899317	Chemical catalytic preparations.....	.....	xxx	xxx	xxx	xxx	xxx	xxx
2899323	Concrete curing and floor hardening materials.....	.....	xxx	xxx	xxx	xxx	xxx	xxx
2899326	Disinfectants:	1,000 pounds.....	70,649	72,234	7,228	52,532	53,557	5,591
2899328	Principally for agricultural uses.....	1,000 gallons.....	xxx	xxx	2,588	1,684	1,648	2,204
2899332	Principally for other uses.....	..do.....	38,234	33,734	34,654	xxx	xxx	23,024
2899331	Deodorants, nonpersonal:							
2899333	Aerosol type (net weight).....	1,000 pounds.....	xxx	xxx	12,509	3,110	2,842	2,386
2899333	Other.....	1,000 gallons.....	xxx	xxx	14,525	4,919	4,852	13,859
2899341	Drilling mud materials, mud thickeners, thickeners and purifiers.....	1,000 pounds.....	95,392	94,764	6,161	121,234	121,281	10,169
2899342	Fluxes (braising, soldering, and welding).....	.....	xxx	xxx	2,220	xxx	xxx	5,043
2899349	Foundry supplies, chemical.....	.....	xxx	xxx	17,142	xxx	xxx	9,808
2899351	Household ammonia.....	1,000 gallons.....	xxx	xxx	3,737	6,385	6,356	3,631
2899353	Household tints and dyes.....	1,000 pounds.....	6,317	6,156	8,091	5,710	5,955	8,048
2899355	Insulation products (heat, electrical, and other).....	.....	xxx	xxx	8,577	xxx	xxx	3,610
3899359	Metal-treating compounds (non-oil base) for nitriding, pickling, drawing, and cutting.....	.....	xxx	xxx	43,182	xxx	xxx	25,999
2899361	Oil treating compounds (non-oil base).....	.....	xxx	xxx	59,920	xxx	xxx	49,077
2899363	Plastic wood preparations.....	1,000 pounds.....	xxx	xxx	251	3,450	3,329	2,698
2899365	Sizes:							
2899365	Rosin sizes.....	..do.....	534,297	516,666	45,349	393,294	394,505	31,170
2899368	Other including dextrin sizes.....	..do.....	103,661	103,827	12,910	56,130	54,511	7,535
2899371	Soil conditioners (preparations).....	.....	xxx	xxx	633	xxx	xxx	xxx
	Inks (writing and stamp pad ink including indelible ink and marking fluid) (excluding drawing ink):							
2899372	Fluid.....	1,000 gallons.....	xxx	xxx	10,424	xxx	xxx	7,580
2899374	Refill ink cartridges for ball point pens.....	.....	xxx	xxx	15,489	xxx	xxx	7,963
	Water treating compounds:							
2899377	Boiler compounds.....	1,000 pounds.....	152,933	154,881	28,146	144,625	141,448	22,804
2899379	Other water softening compounds.....	..do.....	xxx	xxx	18,976	71,252	70,869	12,417
2899381	Water proofing compounds (electrical, leather, masonry, textile, etc.).....	.....	xxx	xxx	10,798	xxx	xxx	7,719
2899395	Other industrial chemical specialties.....	.....	xxx	xxx	177,838	xxx	xxx	108,295
2899397	Vitreous enamel (frit).....	1,000 pounds.....	179,764	175,094	26,312	(NA)	(NA)	23,091
2899300	Chemical specialties, not specified by kind.....	.....	xxx	xxx	41,316	xxx	xxx	27,621
2899000	Chemical products not specified by kind.....	.....	xxx	xxx	26,967	xxx	xxx	9,222

xxx Not applicable. NA Not available. <sup>1</sup>In 1954, "insect, animal, bird and fish repellants," product code 2899123, are included with "other household insecticides and repellants," product code 2899198. <sup>2</sup>Excludes unspecified amounts classified as Acyclic Chemicals, code 2899311.



# 1958 Census of Manufactures

## Industry and Product Reports

(Subject to Revision)

May 1960

MC(P)-28H-7

### TOILET PREPARATIONS INDUSTRY

(Industry Code 2893--SIC system in use through 1957)

(Advance information on industries and products covered in the 1958 Census of Manufactures. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume II, Industry Statistics.)

During 1958, manufacturers in the Toilet Preparations Industry shipped products valued at \$1,046 million, an increase of 57 percent over 1954, according to preliminary results obtained from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce. Average employment in this industry showed an increase of 19 percent from 1954 to 1958 to a total of 29.4 thousand employees in 1958. Value added by manufacture in the industry amounted to \$688 million in 1958, an increase of 59 percent from 1954 when the previous census

was taken. Value added is derived by subtracting the cost of materials, fuels, etc., from value of shipments. It avoids the duplication in the value of shipments which results from the use of products of some manufacturing establishments as materials by others, and is for most purposes, the best value measure available for comparing the relative economic importance of manufacturing industries or geographic areas. No adjustments have been made in the money figures shown in this report for changes in price levels from 1954 to 1958.

Table 1.--GENERAL STATISTICS FOR THE TOILET PREPARATIONS INDUSTRY IN THE UNITED STATES: 1958 AND 1954

(Standard Industrial Classification Code 2893)

Item	Unit of measure	1958 <sup>1</sup>	1954 <sup>1</sup>	Percent change 1954 to 1958
All employees:				
Number.....	Thousands.....	29.4	24.8	+19
Payroll.....	Million dollars..	133.6	94.7	+41
Production workers:				
Number.....	Thousands.....	18.5	16.2	+14
Man-hours.....	Millions.....	36.8	31.1	+18
Wages.....	Million dollars..	66.5	47.7	+39
Value added by manufacture, unadjusted <sup>2</sup> .....	..do.....	667.3	419.7	+59
Value added by manufacture, adjusted <sup>3</sup> .....	..do.....	687.6	432.5	+59
Cost of materials, fuel, electricity, and contract work <sup>4</sup> .....	..do.....	355.5	231.8	+53
Value of shipments <sup>5</sup> .....	..do.....	1,046.3	667.1	+57
Capital expenditures, net.....	..do.....	14.1	7.5	+88
Number of establishments with 20 or more employees <sup>6</sup> .....	Number.....	181	167	+9

<sup>1</sup>The figures in this report include the results for establishments located in the continental United States. Since Alaska and Hawaii were not States until 1959, they will be covered in separate reports.

<sup>2</sup>Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>3</sup>Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing, or assembly.

<sup>5</sup>For explanation see text under "Value of shipments."

<sup>6</sup>Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For Sale by Bureau of the Census, Washington 25, D. C., and U. S. Department of Commerce Field Offices. 10 cents.

Complete set of approximately 375 preliminary Census of Manufactures reports, \$35.00

The Toilet Preparations Industry includes establishments engaged primarily in the manufacture of perfumes, cosmetics, and other toilet preparations such as toilet water, face powder, rouge, lipstick, personal deodorants, manicure preparations, tooth paste and tooth powder. This report does not include figures for administrative offices, warehouses, garages, or other auxiliary units which service manufacturing establishments.

This report is based upon the 1945 edition of the Standard Industrial Classification (SIC) Manual definitions of industries. The final industry reports will include industry statistics classified according to the 1957 edition of the SIC Manual which includes extensive revisions of industry definitions in the manufacturing sector.

#### ESTABLISHMENTS

The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single-establishment companies. A single report was obtained from these companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation, and if the separate activities were substantial in size.

The preliminary reports in the 1958 Census of Manufactures include for each industry a count of the number of operating establishments with 20 or more employees, with comparable figures for 1954. The number of establishments with less than 20 employees will be shown in the final industry reports.

#### VALUE OF SHIPMENTS

The value of shipments reported by establishments classified in the Toilet Preparations Industry consisted not only of products described above as primary to the industry, but also included the value of secondary products (which are primary in other industries), and miscellaneous receipts for contract work, resale of products, etc. The total value of shipments and other receipts of establishments classified in the Toilet Preparations Industry amounted to \$1,046 million. Of this total, \$909 million were products primary to the industry, \$78 million were products primary to other industries, and \$59 million were receipts for miscellaneous activities. The industry shipments of primary products represented 92 percent of the total manufactured product shipments (primary and secondary). The 1954 ratio was 91 percent.

The total value of shipments for the industry, which is the total value of receipts

of establishments classified in the industry, should be clearly distinguished from the total value of primary products of the industry shipped by all producers. The latter figure, appearing in table 3, indicates that \$1,097 million of toilet preparations were shipped by all producers of these products. Of this total, \$909 million, or 83 percent, were shipped by plants classified in Industry 2893, Toilet Preparations, while the remainder was shipped by plants classified in other industries.

#### GENERAL STATISTICS

The general statistics (employment, payrolls, cost of materials, value of shipments, etc.) are reported for each establishment as a whole. Aggregates of such figures for an industry reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products and receipts for their other activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 and 2) with product statistics (table 3) which show the shipments by all producers of the primary products of the industry.

#### PUBLICATION PROGRAM AND BACKGROUND

More detailed figures for this industry will appear in the final Census reports, which will be published and offered for sale at a later date by the Superintendent of Documents, U. S. Government Printing Office. These reports will also include a comprehensive discussion of such concepts as "industry," "establishments," and "secondary production," as well as the various statistical items such as "employment," "value added," etc. Similar preliminary and final reports will be issued for other industries during the coming months. A series of preliminary summary reports showing United States totals for each manufacturing industry and for each State are being issued. Final industry reports and final area reports will be published during the spring and summer of 1960. Order forms which list these reports and their prices may be obtained from any U. S. Department of Commerce Field Office or by writing to the Bureau of the Census, Washington 25, D. C.

The 1958 Census of Manufactures is the twenty-seventh census of manufacturing establishments in the United States. The first Census of Manufactures was conducted in 1810 covering manufacturing activities in 1809. For 1958, it was conducted jointly with Censuses of Mineral Industries, Retail, Wholesale, and Service Trades. The 1958 Census of Manufactures was conducted under authority of Title 13 of the United States Code. This law requires that a Census of Manufactures be conducted every five years to cover years ending in three and eight. Thus, the next Census will be conducted in 1964 covering manufacturing activity in 1963. Title 13 also authorizes an annual sample survey of manufacturing establishments in interim years.

Table 2.—GENERAL STATISTICS FOR THE TABLET PREPARATIONS INDUSTRY U.I.C. CODE 2893, BY REGIONS AND STATES: 1952 AND 1954

Region and State <sup>1</sup>	1952										1954	
	All employees		Production workers			Value added by manufacture		Value of shipments <sup>4</sup>	Capital expenditures, new	No. of establishments with 20 or more employees <sup>5</sup>	All employees, number	Value added by manufacture, unadjusted <sup>2</sup>
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Unadjusted <sup>3</sup> (\$1,000)	Adjusted <sup>3</sup> (\$1,000)					
United States, Total.....	29,397	1,3,646	13,492	36,875	66,434	667,346	687,589	1,046,262	14,139	181	24,809	419,666
New England.....	1,688	7,487	1,073	2,222	3,882	37,478	37,865	58,276	831	9	1,872	26,723
Middle Atlantic.....	15,880	69,855	1,114	20,245	36,367	340,417	360,430	553,941	8,302	88	13,179	197,993
New York.....	7,011	30,559	4,365	8,575	14,479	145,011	107,471	187,330	(D)	54	7,628	79,403
New Jersey.....	8,119	36,481	5,177	10,546	20,011	219,411	230,387	34,585	5,634	30	5,244	115,154
Pennsylvania.....	750	2,815	572	1,124	1,877	21,995	22,572	32,026	(D)	6	305	3,435
East North Central.....	6,138	30,754	3,763	7,526	14,250	161,497	166,272	251,761	2,171	34	5,021	110,413
Illinois.....	4,281	20,279	2,788	5,547	10,271	117,725	122,289	181,441	1,198	22	2,919	61,455
Michigan.....	223	989	155	307	580	1,521	1,523	3,107	80	3	186	1,634
West North Central.....	2,087	8,992	1,342	2,426	4,689	67,094	67,526	95,115	718	15	1,821	56,806
Minnesota.....	1,169	5,535	784	1,440	3,068	43,483	43,342	61,599	556	6	1,141	50,658
Missouri.....	654	2,318	369	640	981	5,532	5,728	8,028	83	6	617	5,869
South Atlantic.....	696	3,099	442	826	1,228	8,983	10,152	16,162	59	6	672	6,769
East South Central.....	366	1,201	215	356	550	4,616	4,716	7,049	52	5	346	2,794
Tennessee.....	333	1,136	185	316	498	4,519	4,614	6,820	38	5	304	2,670
West South Central.....	299	1,064	212	378	535	3,169	3,220	5,326	81	5	236	1,539
Texas.....	225	870	153	285	412	2,101	2,150	3,523	67	5	185	1,202
Mountain.....	59	255	49	110	170	504	523	968	34	1	55	352
Pacific.....	2,184	10,939	1,282	2,716	4,823	37,588	36,885	57,664	1,891	18	1,605	16,273
California.....	2,151	10,802	1,253	2,650	4,703	37,091	36,383	56,902	1,884	18	1,574	16,048

<sup>1</sup> D Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Each producing State not shown separately in the above table was withheld either (a) to avoid disclosing figures for individual companies, or (b) because the industry was of relatively minor economic importance in the State. (Additional publishable detail will appear in the final Census report on this industry.)

<sup>3</sup> Value of products shipped less cost of materials, supplies, fuel, electricity, and contract work.

<sup>4</sup> Adjusted value added by manufacture is the sum of (a) unadjusted value added, plus (b) the difference resulting from the purchase and resale of products without further manufacture, processing, or assembly, plus (c) the net change in finished products and work-in-process inventories between the beginning and end of year.

<sup>5</sup> For explanation see text under "Value of shipments."

<sup>6</sup> Except for "Number of establishments with 20 or more employees," the figures shown in the table are based on reports for all establishments (including those with less than 20 employees) classified in the industry.

Table 3.--QUANTITY AND VALUE OF TOILET PREPARATIONS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954  
(Includes quantity and value of these products reported not only by establishments classified in the Toilet Preparations Industry but also by establishments making these items as "secondary" products in other industries. See text under "Value of shipments")

Product code	Product	Unit of measure	1958		Total production (quantity)	1954	
			Total shipments including interplant transfers			Total shipments including interplant transfers	
			Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2893--	Toilet preparations, total.....		xxx	1,097,408	xxx	xxx	1,701,532
28931--	Perfumes, toilet water, and colognes.....		xxx	102,948	xxx	xxx	77,041
2893111	Perfume oil mixtures and blends.....		...	24,572	xxx	xxx	13,764
2893123	Perfumes (liquid and solid).....		...	18,081	xxx	xxx	13,111
	Toilet waters and colognes:						
2893131	Liquid.....		...	55,511	xxx	xxx	39,725
2893135	Solid.....		...	1,809	xxx	xxx	7,574
2893100	Perfumes, toilet water and colognes, not specified by kind.....		xxx	2,975	xxx	xxx	2,867
28932--	Hair preparations.....		xxx	319,725	xxx	xxx	220,422
	Shampoos:						
	Soap:						
2893212-14	Liquid, pastes, creams, and jellies.....		xxx	38,732	xxx	xxx	20,628
	Synthetic organic detergents:						
2893216	Liquid.....	Thousand gallons	5,743	41,520	xxx	xxx	57,903
2893218	Pastes, creams, and jellies.....	Thousand pounds	16,693	14,383			
2893219	Other.....	xxx	xxx	1,475			
2893221	Hair tonics.....	Thousand gallons	3,331	22,856	3,365	3,158	19,632
	Permanent wave solutions, neutralizers and rinses:						
2893231	Heat setting, machine and machineless.....		xxx	557	xxx	xxx	*1,413
	Cold waving:						
	Home wave kits:						
2893235	Complete.....	Thousand kits...	44,399	42,724	17,090	16,783	14,487
2893237	Refill.....	Thousand units...	1,519	968	42,069	42,970	35,043
2893239	Commercial.....	Thousand gallons	(NA)	17,000	*1,321	*1,324	*11,099
2893241	Hair dressings (including brillianines and creams)....		...	40,100	xxx	xxx	20,342
2893251	Hair dyes, rinses, and tints.....		...	32,162	xxx	xxx	14,112
2893261	Wave set preparations.....		...	34,845	xxx	xxx	11,563
2893298	Other hair preparations.....		...	24,775	xxx	xxx	8,181
2893200	Hair preparations, not specified by kind.....		xxx	7,628	xxx	xxx	6,019
28933--	Dentifrices, including mouth-washes, gargles and rinses...		xxx	197,851	xxx	xxx	130,789
2893311	Tooth paste.....	Thousand pounds	110,139	156,712	78,872	77,964	110,825
2893331	Tooth powder.....	do.....	3,036	4,135	3,942	4,098	4,854
2893351	Denture cleanser.....	do.....	7,922	6,257	4,701	4,266	5,384
2893371	Mouthwashes, including gargles and rinses.....		...	21,941	xxx	xxx	*6,177
2893398	Other dentifrices, including liquid tooth cleaners....		xxx	8,199	xxx	xxx	2,697
2893300	Dentifrices, including mouth-washes, gargles and rinses, not specified by kind.....		xxx	607	xxx	xxx	852
28934--	Other cosmetics and toilet preparations.....		...	464,557			266,451
	Cream (excluding shaving, hair, and deodorants:						
2893411	Cleansing creams.....		...	24,211	xxx	xxx	16,305
2893412	Foundation creams.....		...	6,829	xxx	xxx	6,273
2893413	Lubricating creams (including hormone creams).....		...	19,789	xxx	xxx	8,138
2893414	Other creams.....		...	14,497	xxx	xxx	11,434
	Lotions (excluding hair and aftershave):						
2893415	Suntan (including oils).....		...	8,515	xxx	xxx	1,561
2893416	Cleansing lotions.....		...	12,609	xxx	xxx	( <sup>a</sup> )
2893417	Cosmetic oils (including baby oils but excluding suntan oils).....		...	6,821	xxx	xxx	6,434
2893418	Hand lotions.....		...	36,825	xxx	xxx	22,081
2893419	Other lotions (excluding hair and aftershave).....		...	10,687	xxx	xxx	12,135
2893421	Lip preparations (lipstick, lip rouge, etc.).....	Thousand pounds	(NA)	44,432	xxx	xxx	23,711
2893422	Rouges (excluding lip rouge).....		...	4,709	xxx	xxx	2,056
2893423	Mascara and eye shadow.....		...	10,235	xxx	xxx	1,440
	Deodorant (personal):						
2893424	Liquid.....	Thousand gallons	1,807	23,332	xxx	xxx	13,457
2893425	Cream.....	Thousand pounds	5,347	15,165	xxx	xxx	18,510
2893426	All other.....	do.....	4,572	16,312	xxx	xxx	3,174
2893427	Depilatories (personal).....		...	2,102	xxx	xxx	2,964
	Manicuring preparations:						
2893431	Nail lacquers and enamels.....		...	18,521	{	xxx	9,146
2893433	Nail lacquer and enamel removers.....		...			xxx	3,241
2893439	Other manicuring preparations.....		...			xxx	638

See footnotes at end of table.



## 1958 CENSUS OF MANUFACTURES

5

Table 3.-QUANTITY AND VALUE OF TOILET PREPARATIONS SHIPPED BY ALL PRODUCERS IN THE UNITED STATES: 1958 AND 1954--Continued

Product code	Product	Unit of measure	1958		1954		
			Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers	
			Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
	Toilet preparations--Continued						
	Other cosmetics and toilet preparations--Continued						
	Powder:						
2893441	Talcum and toilet powder.....	Thousand pounds.	34,362	4,806	xxx	xxx	21,957
2893443	Face powder.....	do.	14,961	22,139	xxx	xxx	13,428
2893445	Liquid and compact for wet application.....	do.	...	13,369	xxx	xxx	8,639
2893448	Other powder, including foot powder (cream, sachet, and paste).....	do.	...	17,296	xxx	xxx	5,866
	Shaving preparations:						
	Brushless (non-soap base): <sup>4</sup>						
2893452	Tube and jar.....	Thousand pounds.	6,216	6,108	xxx	xxx	8,249
2893454	Aerosols.....	do.	3,810	4,923	xxx	xxx	(5)
2893457	Aftershave lotions.....	Thousand gallons	2,189	27,836	1,902	1,851	19,524
2893459	Other shaving preparations, including styptics.....	do.	...	4,097	xxx	xxx	298
2893461	Bath salts, bath oils, and bubble bath.....	do.	...	12,032	xxx	xxx	5,609
2893498	Other cosmetics and toiletries.....	do.	...	13,622	xxx	xxx	6,327
2893400	Other cosmetics and toilet preparations, not specified by kind.....	do.	xxx	22,738	xxx	xxx	8,379
2893000	Toilet preparations, not specified by kind.....	do.	xxx	12,327	xxx	xxx	6,829
	Shaving preparations:						
	Soap or soap base:						
	Lather cream:						
2841331	Tube and jar.....	Thousand pounds.	4,597	5,129	5,295	5,532	6,799
2841335	Aerosols.....	do.	15,216	12,957	18,836	18,167	17,434
2841341	Stick, powder, or cake.....	do.	(NA)	3,560	4,199	4,239	2,916

\*Revised.

NA Not available.

xxx Not applicable.

<sup>1</sup>This figures has been reduced by \$42,549 thousand in order to exclude "specialty soaps," consisting of mechanics' hand soaps, shaving preparations made with soap base, and other specialty soaps, which were included in this total in the 1954 Census of Manufactures publications, but are excluded from the 1958 total.

<sup>2</sup>Also see liquid antiseptics, code 2834629, Industry 2834, "Pharmaceutical preparations." The 1958 total for code 2834629 is \$20,743 thousand compared with the 1954 figure of \$23,534 thousand.

<sup>3</sup>Code 2893416 included in code 2893419 in 1954.

<sup>4</sup>For additional data for shaving preparations, soap or soap base, see product class code 28413, below.

<sup>5</sup>Code 2893454 included in code 2893459 in 1954.

**1958 CENSUS OF MANUFACTURES  
PUBLICATION PROGRAM**

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

**Final Industry Reports**

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

**Final Area Reports**

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

**Final Subject Reports**

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

**VOLUME I—SUMMARY STATISTICS**

**VOLUME II—INDUSTRY STATISTICS**

**VOLUME III—AREA STATISTICS**

**Bureau of the Census**

WASHINGTON 25, D. C.











U. S. Bur. of  
the Census  
1958 census  
of manufactures  
(preliminary)

Census  
T  
21065  
UN3 *fr*  
1958  
v.1  
pt.

CB/Bureau of the Census Library



5 0673 01027045 5